XEROX

Xerox University Microfilms
Ann Arbor, Michigan 48106

WESTERN AMERICANA

Reproduced from the original in the collection of
THE HENRY E. HUNTINGTON LIBRARY AND ART GALLERY

ORIGINAL JOURNALS
OF THE
LEWIS AND CLARK EXPEDITION
1804–1806

IN SEVEN VOLUMES AND AN ATLAS

ATLAS

1

ATLAS
ACCOMPANYING THE
ORIGINAL JOURNALS
OF THE
LEWIS AND CLARK EXPEDITION
1804-1806

BEING FACSIMILE REPRODUCTIONS OF MAPS, chiefly by William Clark, illustrating the route of the expedition, with sites of camping places and Indian villages, besides much miscellaneous data. Now for the first time published, from the original manuscripts in the possession of Mrs. Julia Clark Voorhis and Miss Eleanor Glasgow Voorhis, together with a modern map of the route prepared especially for this volume

Edited, with Introduction, by
REUBEN GOLD THWAITES, LL.D.
Editor of "The Jesuit Relations and Allied Documents," etc.

VOLUME EIGHT

NEW YORK
DODD, MEAD & COMPANY
1905

F592
L55
v.8

Copyright, 1905
By Julia Clark Voorhis
Eleanor Glasgow Voorhis

Copyright, 1905
By Dodd, Mead & Company

Published October, 1905

THE UNIVERSITY PRESS
CAMBRIDGE, U.S.A.

INTRODUCTION

THE remarkable series of charts given in this volume illustrate in detail almost the entire route of the Lewis and Clark expedition, both on the outward and the return journeys, with sites of camping-places and Indian villages, and further enriched with much interesting comment on the country and the natives. An account of their discovery will be found in the Introduction to Vol. I of the present series, pp. l–liii. Save for Nos. 1–3, which are copies of contemporary French and Spanish manuscript maps, and doubtless were carried upon the expedition, several traced from rude Indian drawings, and No. 37, which bears Lewis's chirography, all appear to have been the work of Clark, who was the recognized draughtsman of the party. When we consider the conditions under which these charts were drawn, — in the field, with crude astronomical instruments, and information derivable chiefly from daily observation and Indian reports, — their relative accuracy and topographical comprehension are worthy of our highest praise; they are eloquent witnesses of Clark's undoubted engineering skill.

The charts fall readily into certain groups:

I. A preliminary series (Nos. 1–3) being tracings of contemporary French and Spanish manuscripts. In this series we may also include No. 4, showing the neighborhood of the first winter's camp in Illinois, at River Dubois, opposite the mouth of the Missouri.

II. But one map (No. 5) appears to be extant, of the lower Missouri — that for the stretch above St. Charles, across a large portion of the present State of Missouri. Others are missing either by accident or because this portion of the river was well known to French and Spanish fur-traders, who even thus early made annual voyages as far as the present site of Omaha.

III. When the expedition entered the comparatively unknown region peopled by the fierce Sioux and Arikara tribes, a careful record of the river's course is shown in a series of small but exceedingly accurate maps (Nos. 6–11). These lay down the river channel continuously from a point near the southern boundary of South Dakota as far up as the site of Fort Mandan, some thirty-five miles above the present city of Bismarck — thus giving almost the entire stretch of the Missouri's course across the two Dakotas, with the islands, bends, and Indian villages upon the banks as they were found by the expedition a hundred years ago.

IV. This group consists of Nos. 11–13, prepared at Fort Mandan on information received from French and British traders, as well as from native reports. No. 11 shows the trail from the Assiniboin region, over which the Northwest Company's factors had come — to find, to their chagrin, that the Americans had established themselves among the Mandans, who were accounted the former's especial customers. Nos. 12 and 13 are conjectural maps of the country to the west, indicating the overland trail to the Yellowstone and the chief topographical features of the eastern slope of the Rocky Mountains.

V. No. 14 is one of the principal maps of the series. It represents the course of the Missouri from Fort Mandan as far as the Falls, and embraces the route of the summer's travel in 1805 — from the time the Mandans were left behind (April 7) to the date when the portage was completed and the river approached through the Gates of the Mountains (July 15). This map was prepared by Clark with skilful care; it embodies the results of a series of preliminary field sketches (Nos. 15–25), draughted from day to day on rough sheets on which the "Courses and Distances" for each day's travel were also indicated. Using these eleven maps as a basis, Clark gives us in No. 14 the natural features, the affluents, the character of the banks, and the camping-places both going and returning; all this data being presented upon a Mercator's projection of squares of latitude and longitude. It is interesting to note that not possessing sheets of paper of sufficient size to produce so large a map, he pasted together those of ordinary dimensions. This was done at such angles that the sinuous course of the river is graphically represented. Nos. 26 and 26*a* are sketches of the topography of the Falls of the Missouri, and supplement those already published in volume three of this work, which were found in the codices of the journals proper.

Four additional maps were needed to complete the water route to the head-springs of Jefferson River, where the canoes were finally abandoned. These (Nos. 27–29*a*) portray in like careful manner: the Missouri through the Rocky Mountains, the Three Forks of that river, and the course of the Jefferson from its junction with Madison and Gallatin rivers through Beaver Head Valley to its upper forks. This was the course over which the expedition painfully struggled (July 16–Aug. 20, 1805) from the Great Falls, until it was no longer possible to drag or pole the canoes through the shallowing stream.

VI. We now come to three large maps, of which the first (No. 30) is probably the most important of the entire series: for herein is portrayed the much-discussed and little-understood route over the range of mountains lying between the head-springs of the Missouri and the plains of the Kooskooskee (Clearwater), where the friendly Flatheads (Chopunnish) preserved the expedition from starvation. On sheets of paper pasted together in the same ingenious fashion as before, Clark has laid down the entire horseback tour from Shoshoni Cove to the banks of the Lemhi; the crossing to the Bitterroot Valley—not perfectly elucidated up to the present publication; the passage down the Bitterroot; the rendezvous at Traveller's Rest; and the mountainous trail to the west, along the ridge north of the middle fork of the Kooskooskee, including the courses of Hungry and Collins creeks (so difficult to identify);

and finally, the emergence upon Weippe Prairie, the habitat of the hospitable Flatheads.

No. 31 shows the entire course of the Kooskooskee, its junction with Lewis (Snake) River, and the latter's bed as far as the Columbia, which is also given to the Umatilla, as well as some portion of its course above the junction of the Lewis. The point where the canoes were built is indicated, and the descent of the three rivers from October 17–19 is charted in much detail.

The third of the three large maps (No. 32) portrays all the lower stretch of the Columbia, from about the point where it becomes the boundary between the present States of Oregon and Washington, to its discharge into the Pacific, together with a part of the coast line of the latter. This is interesting not only for the detail and accuracy with which the river's course is traced, but as being probably our first chart of that great waterway above the tidal region.

There follow several small sketch maps (Nos. 33–36), showing details of the Columbia, evidently prepared only as preliminary to the making of No. 32. They have, however, an interest of their own, in marking certain camping-places and giving some other particulars not reproduced on the larger chart.

VII. Nos. 37–39 were those made at Fort Clatsop. No. 38 shows Clark's exploration of the coast when on his journey (Jan. 6–10, 1806) in search of the spoils of the stranded whale.

VIII. The next group of maps (Nos. 40–44) are all of Indian origin, and represent the information obtained on the return journey from the natives of the Western slope, in relation to tribal location, natural objects, and various mountain trails. It was upon the data thus gathered that the explorers based the bold conception of dividing the party, each section seeking not only increased geographical knowledge, but a more practicable passage than they had found on the outward journey, between Missouri and Columbia waters.

No. 43 is especially interesting in this connection. It maps several native trails over the great divide, and three available routes from Traveller's Rest to the Missouri — the most northerly of which was followed by Lewis, and the most southerly by Clark.

IX. The last group is devoted to Clark's return route. Of these, Nos. 45 and 46 refer to his crossing (July 4–9, 1806) from the Bitterroot Valley to the Forks of the Jefferson, and are somewhat contradictory and confused. A careful local study, however, may elucidate the main features of the trail, as well as throw light upon the outward journey between these two points.

Nos. 47 and 48 likewise indicate the journey from the Three Forks to the Yellowstone, over what is now the famous Bozeman Pass, and approximating the present route of the Northern Pacific Railway.

The remainder of the maps (Nos. 49–53) portray the basin of the Yellowstone. Here is the only gap in the continuity of the series. The first four maps are contiguous, and bring us to the neighborhood of old Fort Sarpy, near the eastern boundary of the present Crow Indian Reservation. One small map (No. 53) of the Yellowstone, near its junction with the Missouri, closes this series of original charts.

X. No. 54 has been prepared especially for this volume, on the basis of the maps above enumerated, and represents, on a condensed scale, the route of the entire journey in relation to modern conditions, from the mouth of the Missouri to the Pacific and return. Necessarily compressed in order to present a bird's-eye view of the whole, the details must be sought through a close study of Clark's originals, in connection with the text of the journals themselves.

The points of the compass are roughly indicated by the placing of the captions at the south side of the maps.

R. G. T.

LIST OF MAPS

[All of them facsimiles of charts carried or made upon the expedition, chiefly by Clark; save that No. 54 was draughted especially for the present publication.]

1. The Upper Mississippi, Lower Ohio, and Lower Missouri rivers. Evidently copied from a contemporary French manuscript map.

2. "A Topogr[aphical] Sketch of the Missouri and Upper Mississippi, exhibiting the various Nations and Tribes of Indians who inhabit the Country. Copied from the original Spanish MS. Map."

3. The Upper Mississippi system, and the Missouri system as far as the Mandans.

4. The neighborhood of Camp River Dubois, 1803–04.

5. The Missouri, from St. Charles to Isle au Parish, showing route from May 21—about June 20, 1804.

6. The Missouri, in South Dakota, from Mud Island (Isle au Vase) on the south, which Coues identifies as Snag Island, now far above Wheeler, South Dakota, to Elk Island (Isle au Biche) on the north. The latter, just below Medicine Knoll River, is not charted on ordinary maps.

   This chart shows the route from September 10–23, 1804; it is remarkably accurate, and embraces the Big Bend of the Missouri. Clark gives here the French forms of the names, evidently those learned from his engagés.

7. The Missouri from just below Antelope Creek [R on High Water] to about the northern limit of Sully County, South Dakota — the Teton country. Diamond Island is not the one so called in the journals, but apparently the present H. Fishbeck Island. The route is shown for September 24—October 2, 1804.

8. The Missouri, about forty miles above the mouth of Cheyenne River. The river coming in at the right is Little Cheyenne. Lahoocatt Island is apparently the one now called Lafferty's; the present Cheyenne Agency is just above this point. The route is shown for October 2-5, 1804.

9. The region of the Arikara villages, on the Missouri — the route for October 7-15, 1804. The river at the bottom of the map is the present Moreau, in South Dakota, near the boundary of North Dakota. The lesser creeks bear the names of Arikara chiefs.

10. The Missouri in North Dakota, from about the point where it enters that state from South Dakota to just below the site of Bismarck — the route for October 15-21, 1804. "Chesscheet" is the present Little Heart River; the one about the centre of the map is intended for "Boulet," or Cannonball River; Carp River is that now known as Beaver Creek, in Emmons County, North Dakota.

11. The Missouri, in the neighborhood of Fort Mandan; showing the British fur-trade trail towards the Assiniboin.

12. Trail from the Mandans to the Yellowstone, derived apparently from Indian information obtained at Fort Mandan.

13. From the Mandans to the Rockies, based apparently on information obtained from French and Indians at Fort Mandan.

14. Sketch of the Missouri from Fort Mandan to the Rocky Mountains — "from the 7th April to the 15th July, 1805."

Part I. From Fort Mandan to Porcupine River — the route of April 7—May 3, 1805.

Part II. From camp of May 3 at Porcupine River to camp of May 27, just below Thompson's Creek.

Part III. From Thompson's Creek to the Rocky Mountains — the route of May 27—July 15, 1805.

15. The Missouri from Fort Mandan to above Goose Egg Lake — the route of April 7-13, 1805.

16. The Missouri from Goose Creek to White Earth River — the route of April 13-22, 1805.

17. The Missouri from White Earth River to twenty miles above

Martha's River, showing the mouth of the Yellowstone — the route of April 21–30, 1805.

18. The Missouri from Martha's River to just below Milk River — the route of April 30—May 7, 1805.

19. The Missouri from below Milk River to Pine Creek — the route from May 7–12, 1805.

20. The Missouri from Pine Creek to just below Musselshell River — the route of May 12–19, 1805, with indications of return camps in August, 1806.

21. The Missouri from below Musselshell River to South Mountain Creek — the route of May 19–24, 1805.

22*a*. Junction of the [Mussel]Shell and the Missouri, May 20, 1805.

23. The Missouri from South Mountain Creek to Judith's River — the route of May 24–28; with return camps also marked, in July, 1806.

24. The Missouri from Judith's River to Maria's River, showing also the course of the latter, and camping places for May 29—June 11, 1805, with indications of camping places in July, 1806.

25. The Missouri from the entrance of Maria's River to the Great Falls, showing camping places for June 11–29, 1805.

26. Junction of Missouri and Medicine [Sun] Rivers. Sketches of upper parts of Falls and of Giant Spring, or "Large fountain."

26*a*. Sketches of Great, Handsome, and Crooked Falls.

27. Gates of the Rocky Mountains, with camps of July 16–20, 1805.

28. Missouri River from Pryor's [Mitchell's] Creek [Montana] to the Three Forks of the Missouri — the route of July 21–24, 1805.

29. Missouri River from Gass's [Hot Springs] Creek to Three Forks; and Jefferson River to Philanthropy [Stinking Water] River — route of July 25—August 7, 1805.

29*a*. Jefferson River from Philanthropy to the Forks — the route of August 8–20, 1805.

30. "From Jeffersons River to the Forks of Kooskooske over the Rocky Mountains from the 25th of August to the 9th of October 1805."

This map is of especial importance, as showing the route over the divide, heretofore in doubt.

Part I. From camp of August 24 on Jefferson River to camp of September 3 on Clark's River.

Part II. From camp of September 4 on Clark's River to camp of September 16 on Kooskooskee River.

Part III. Kooskooskee River, from camp of September 17 to camp of October 7.

31. "Sketch of Kooskooske & Lewis's River from the 7th to the 19th of Oc^{tr} 1805."

Part I. Kooskooske and Lewis's Rivers, showing route from October 7 to just below camp of October 11.

Part II. Lewis's and upper Columbia Rivers, from camp of October 12 to that of October 19.

32. "Sketch of the Columbia River from the forks, & the 19th of October 1805 to the 1st of Jany on the Pacific Ocean." The map also indicates camping places on the return journey, in April, 1806.

Part I. From camp of October 19 to that of October 29, showing the "Great Falls."

Part II. From Camp of October 29 just above the "Great Rapid" to camp of November 5.

Part III. From camp of November 5 to the Pacific, showing also the Pacific coast from "Cape Shalwater" on the north to Cape Lookout on the south.

33. Rapids of the Columbia; with camps of October 26–28, 1805.

34. The Columbia River from the Rapids to Wappato Island, showing camps of October 29—November 4, 1805, and the return camp on March 30, 1806.

35. A medley of sketches.

I. Pacific Coast, in neighborhood of Haley's Bay, and showing camps of November 8–17, 1805.

II. Camp of November 7; detail.

III. Camp of November 8; detail.

IV. Lower reaches of Columbia, showing outward camps of November 4–6, 1805, and the return camps of March 27–29, 1806.

36. Sketch-map of Haley's Bay, with camps of November 18, 19, and 26, 1805.

37. Lewis's sketch-map of Vancouver's Island, Nootka Sound, etc.

38. Sketch-map of the mouth of Columbia River and the route of Clark, January 6–10, 1806, showing tribes, measurements of streams, and elevations.

39. Sketch-map "given by a Clattsopp Ind^{n}.," showing the mouth of the Columbia.

40. Sketch given by Indians, April 18, 1806, at the Great Narrows of the Columbia, showing the basin of Lewis's River.

41. Sketch given by Cutnose, etc., May 3, 1806, showing Indian trails over the continental divide.

42. Sketch by Hohastillpilp, May 29, 1806, showing Indian trails over the continental divide.

43. Sketch obtained from Indians at Flathead River Camp, May 29–31, 1806. It shows trails and villages from the mouth of Clark's River to the Three Forks of the Missouri.

44. Indian sketch-map of the Lewis River system, showing trails and Indian villages.

45. Crossing the mountains, showing camps of July 4–8, 1806.

46. "Sketch of Cap^{t} Clarks rout from Clark River to the head of Jeffersons River" — July 5–9, 1806.

47. Sketch-map of Gallatin and Madison rivers, with Clark's trail to the Yellowstone, July 13, 14, 1806.

48. Indian trails, derived from native information, of a route from the Three Forks of the Missouri to the Yellowstone, indicating Clark's camping places of July 13–15, 1806.

49. The Yellowstone, from the place where Clark reached it to Stillwater Creek, showing Clark's camps, July 15–7 [17], 1806.

50. The Yellowstone, from Rose [Stillwater] Creek to Pryor's River, July 18–24, 1806, showing the place where Clark's canoes were built.

51. The Yellowstone, from Pompey's Pillar to Little Wolf River, passing the mouth of Bighorn River, showing Clark's camps, July 25–27, 1806.

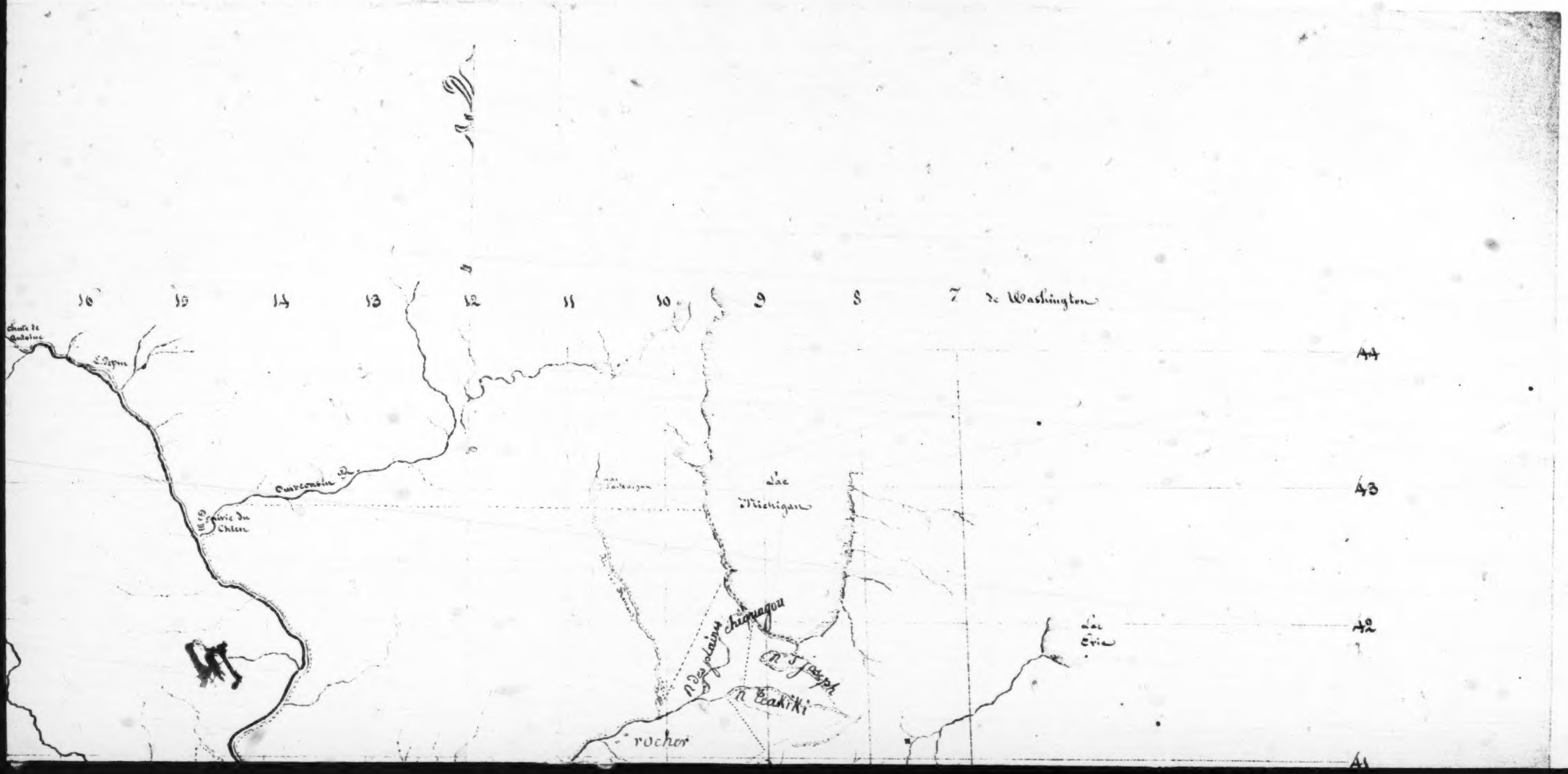
52. The Yellowstone, from Little Wolf to Big Dry River, showing Clark's camping place of July 27, 1806.

53. The Yellowstone, near its junction with the Missouri, showing Clark's camping place of August 1, 1806; also indicating buffalo crossings.

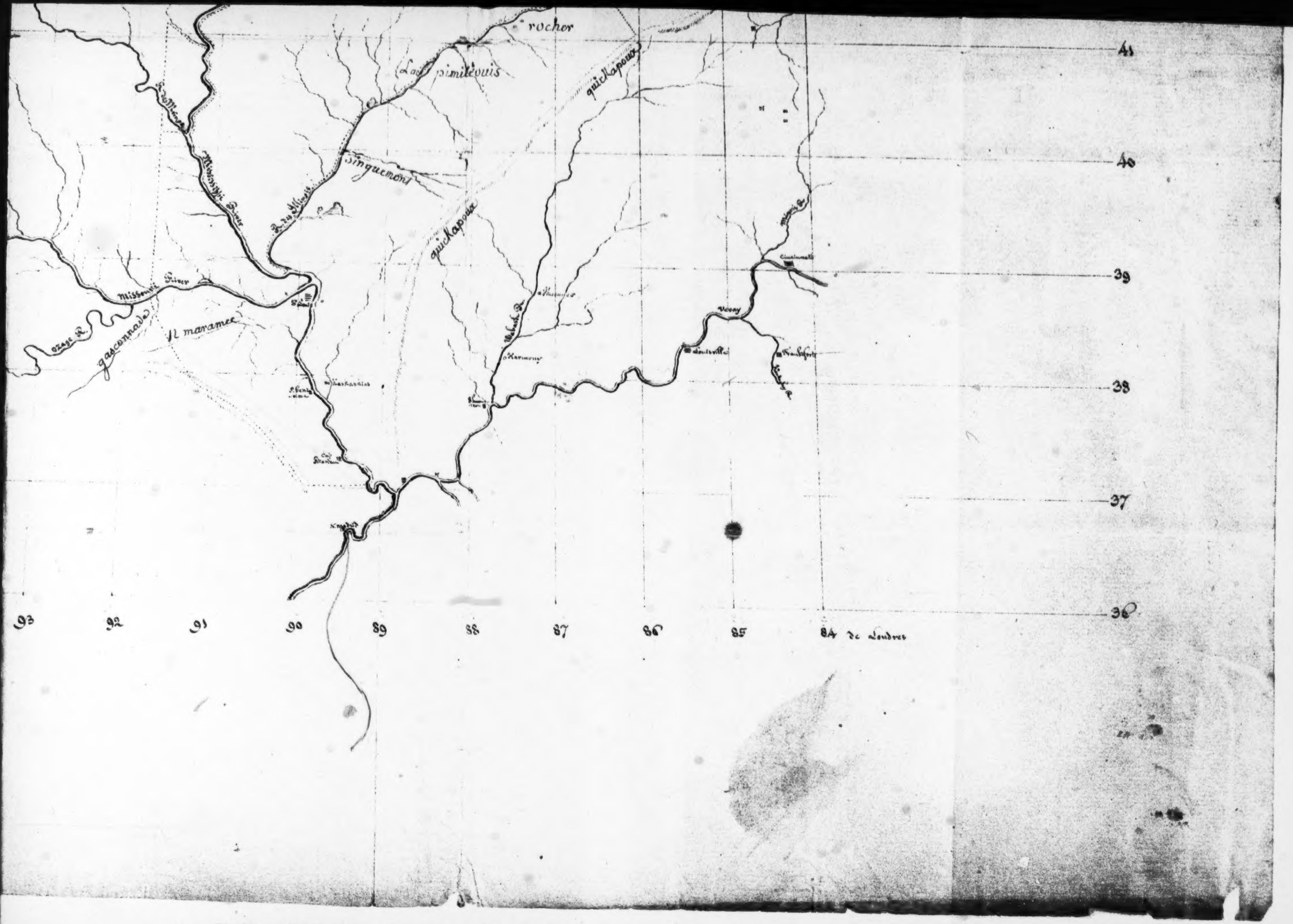
54. Route of the Lewis and Clark Expedition, showing its relation to modern geographical conditions.

Drawn expressly for the present publication, and based upon a study of the original manuscript charts herein reproduced in facsimile.

17
Chute de St Antoine
44
43
42
41


16
15
14
13
12
11
10
9
8
7
de Washington
chute de Antoine
L. Pepin
Ouisconsin R.
Prairie du Chien
Lac Michigan
chiquagou
R. des plaines
R. S. Joseph
R. Teakiki
rocher
Lac Erie
44
43
42
41

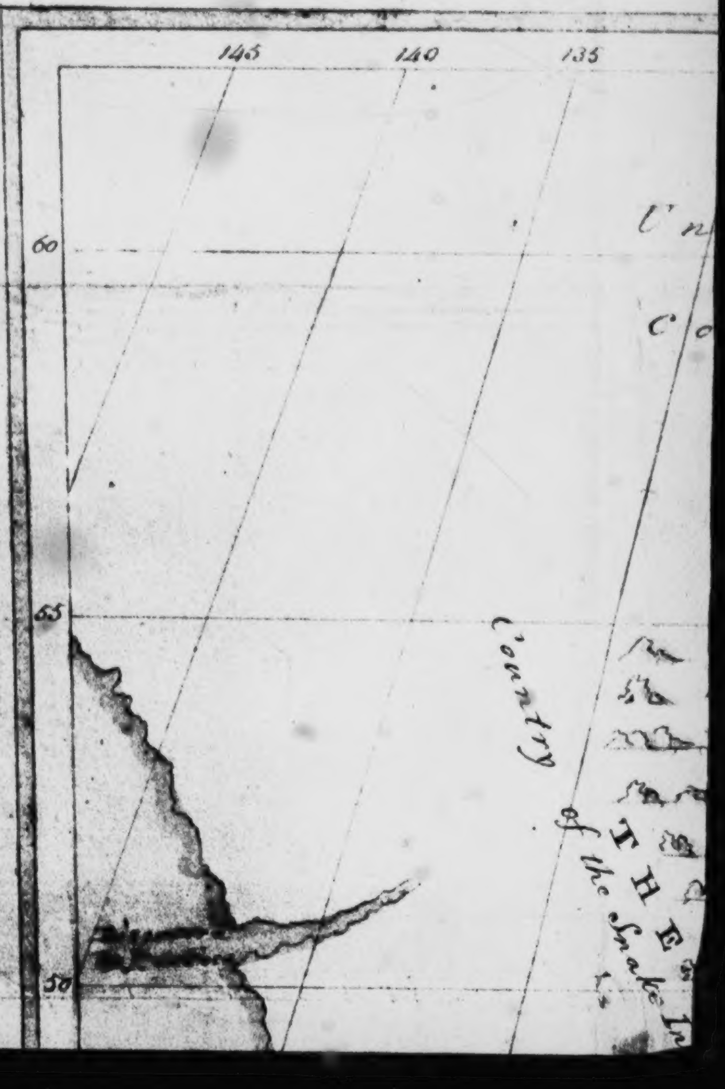
41
40
39
Kansas R.
oz
38
37
36
94
93


rocher
Lac pimiteouis
quickapouw
Singuemont
R. au Illinois
Mississippi River
quickapous
Missouri River
ozage R.
gasconnade
R. maramec
Wabash R.
Vincennes
Harmony
Kaskaskias
Louisville
Vevay
Cincinnati
Frankfort
Miami R.
41
40
39
38
37
36
93
92
91
90
89
88
87
86
85
84
de Londres

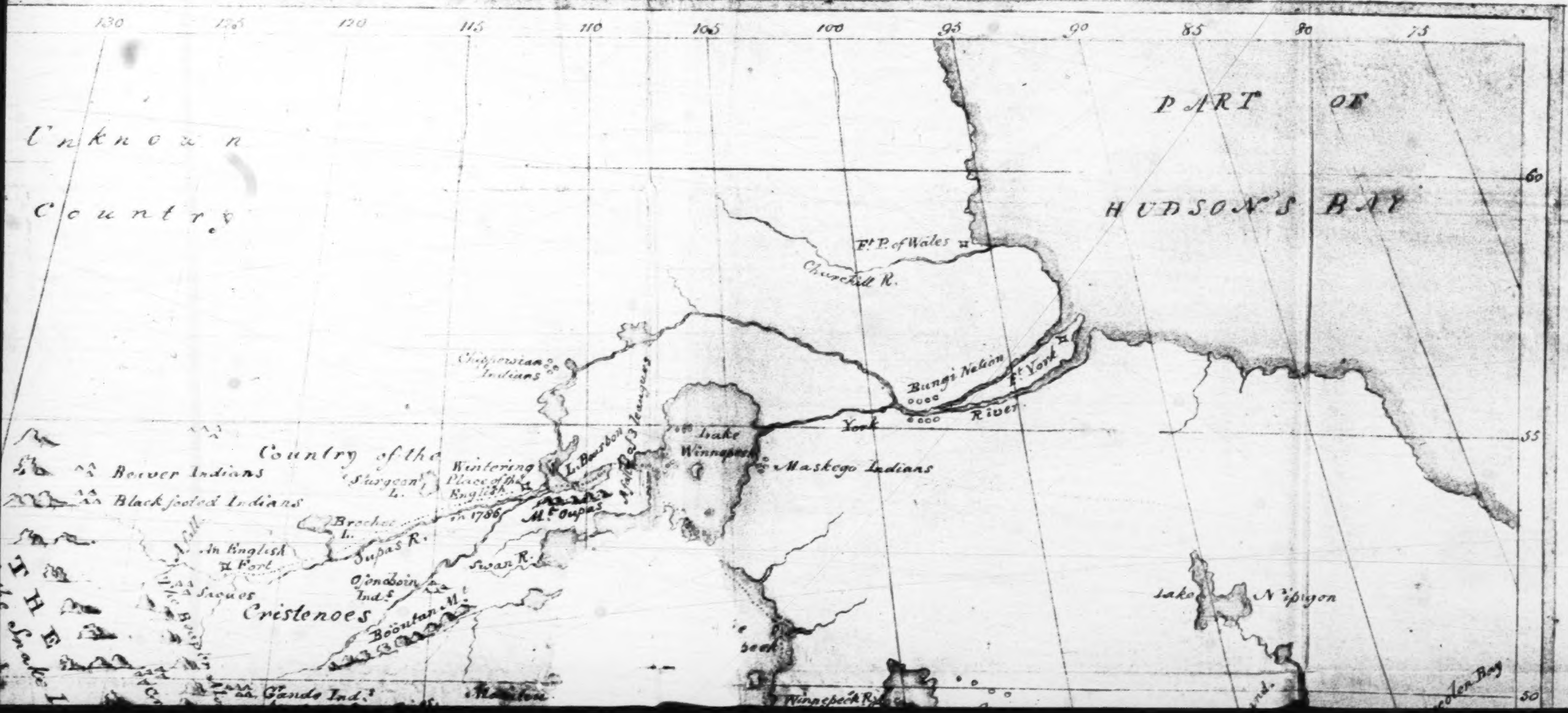
1. The Upper Mississippi, Lower Ohio, and Lower Missouri rivers. Evidently copied from a contemporary French manuscript map.

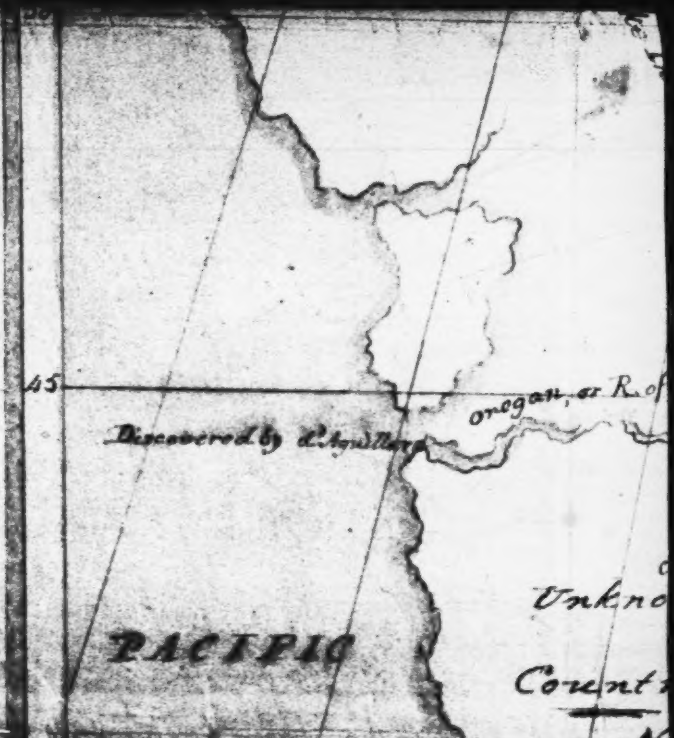
of th

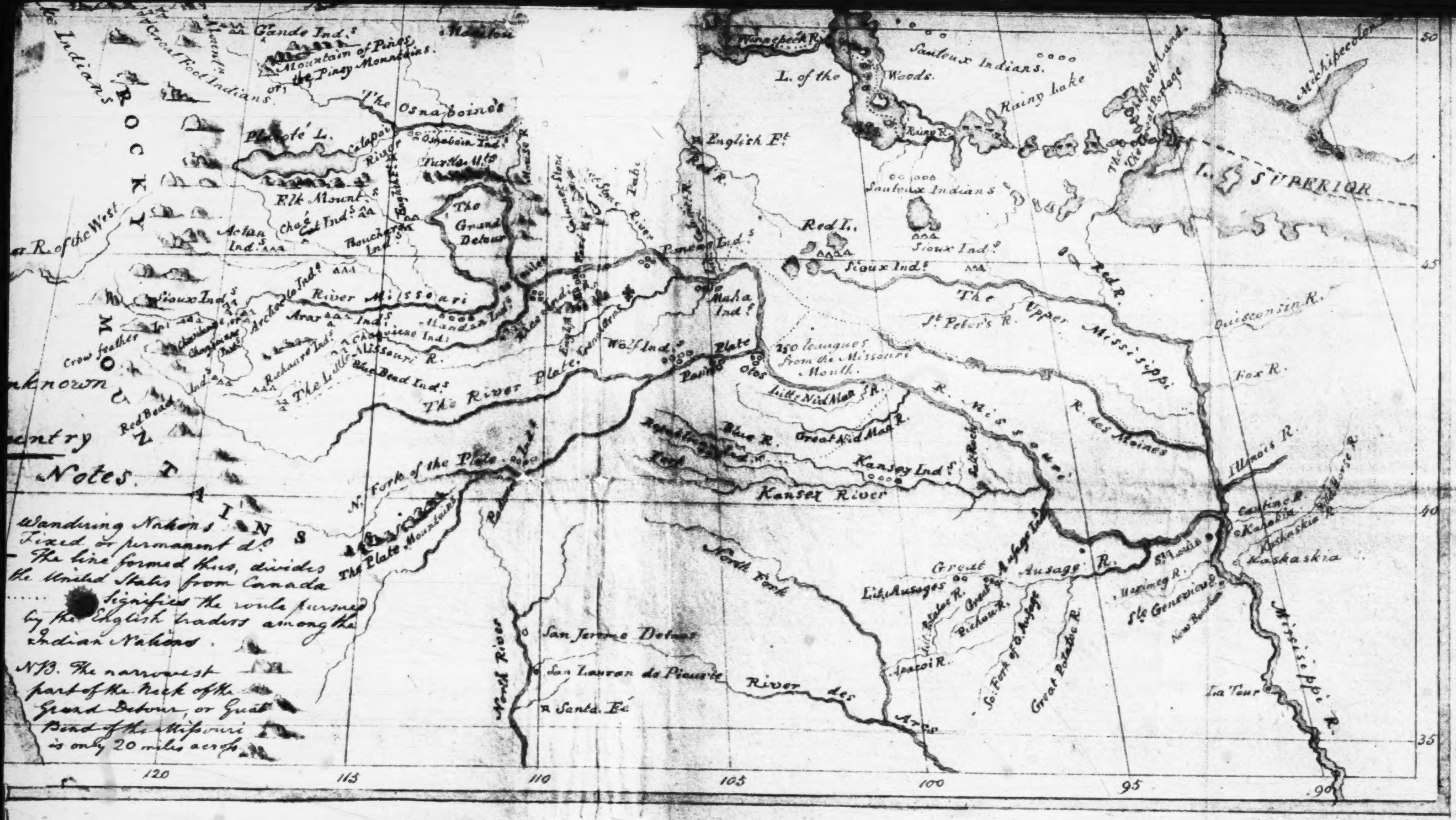
She


145
140
135
60
55
50
Un
Co
Country
THE
of the Snake In

A Topogra Sketch
# of the Missouri and Upper Mississippi;
Exhibiting
the various Nations and Tribes f Indians who inhabit the Country.
Copied from the Original Spanish M.S. Map.

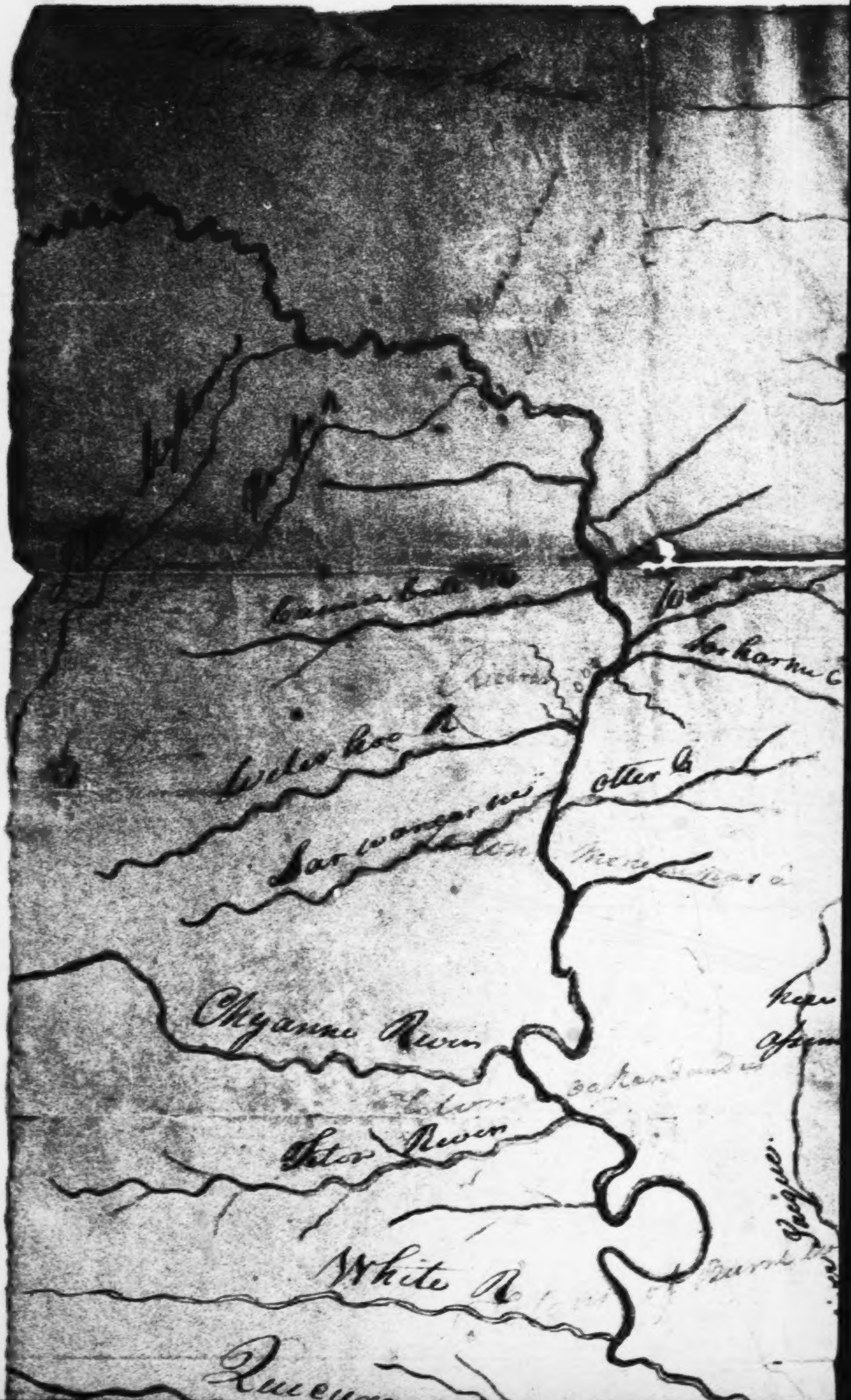

130
125
120
115
110
105
100
95
90
85
80
75
60
55
50
Unknown Country
PART OF HUDSON'S BAY
Ft. P. of Wales
Churchill R.
Chipewian Indians
Bungi Nation
Ft. York
York River
Lake Winnepeck
Maskego Indians
Country of the
Beaver Indians
Blackfooted Indians
Sturgeon L.
Wintering Place of the English in 1786
L. Bourbon
Mt. Oupas
Brochet L.
Oupas R.
An English Fort
Swan R.
Ojonaboin Ind.s
Saques
Cristenoes
Böoutan Mt.
THE
Snake
Gando Ind.s
Manitou
Winnepeck R.
Lake Nipigon
Bay

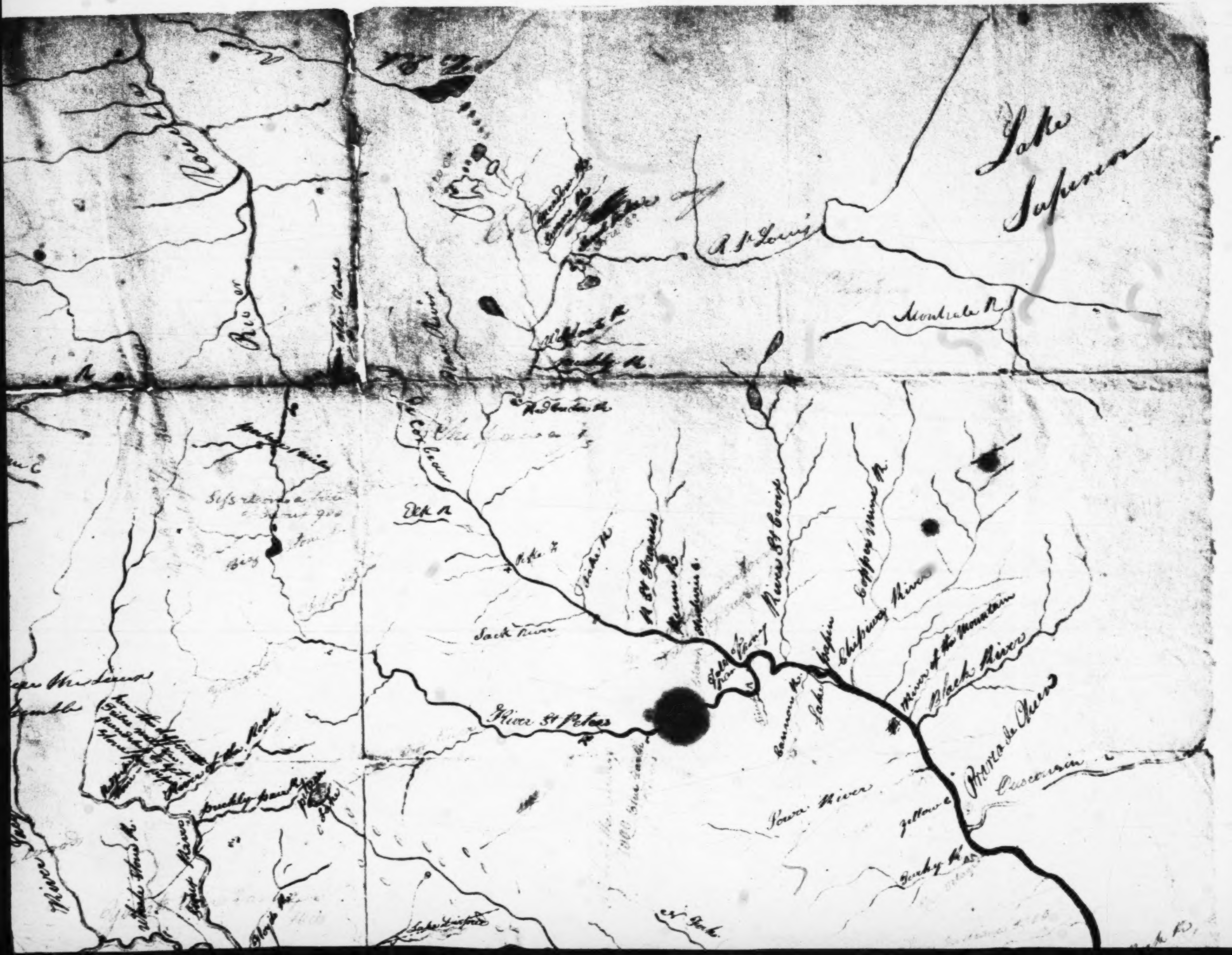

45
Discovered by d'Aguillar
Oregan, or R. of
PACIFIC
Unkno
Contint
N
Wand
Fixe
The
the Un
OCEAN
S.r Fra: Drake staid
6 weeks in this port
by
Ind
N.B.
par
Gre
Be
is
35
130
125

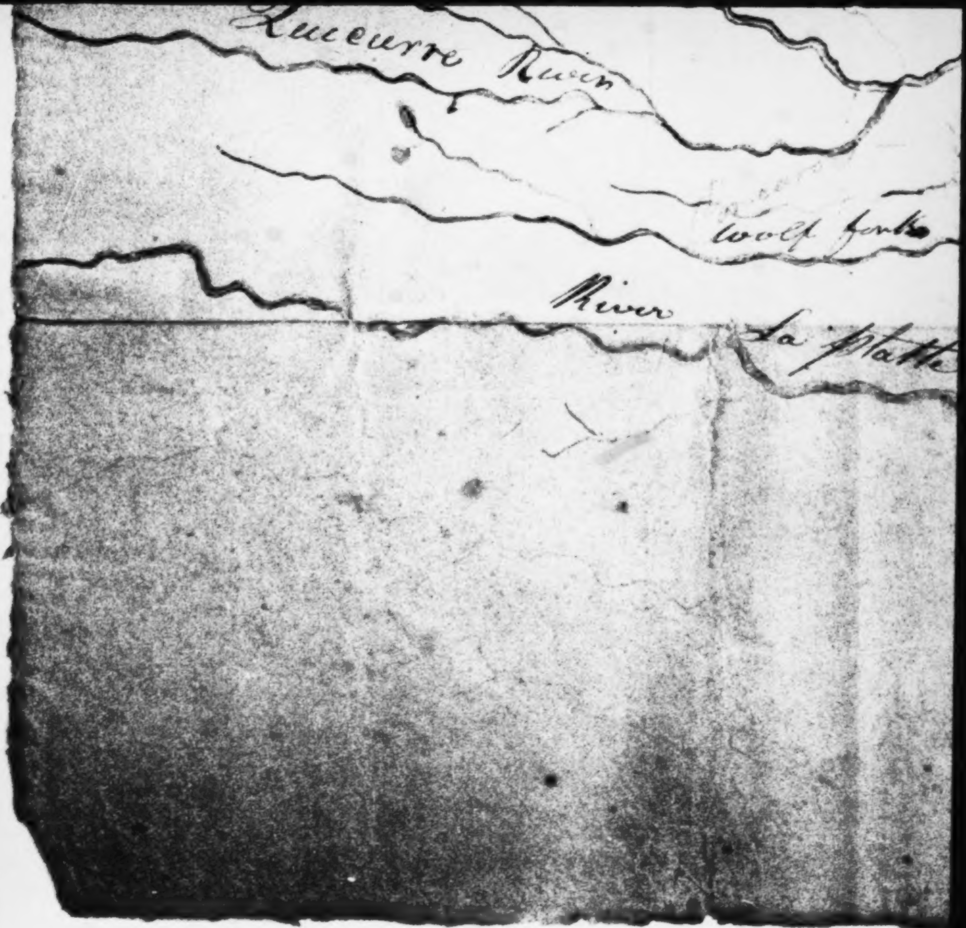

ROCKY MOUNTAINS
Unknown Country
Gande Ind.s
Mountain of Pines, or, the Piney Mountains
Black Foot Indians
The Osnaboines
Plecoté L.
Elk Mount.s
Calapoi River
Turtle Mt.
Grand Detour
Aclan Ind.s
Cat Ind.s
Bouchar Ind.s
R. of the West
Sioux Ind.s
River Missouri
Mandan Ind.s
Arar Ind.s
Chaguiene Ind.s
Crow feather
Red Bead Ind.s
The Little Missouri R.
Blue Bead Ind.s
Richaare Ind.s
The River Plate
Wolf Ind.s
Panis
Otos
N. Fork of the Plate
The Plate Mountains
Ponca Ind.s
Maha Ind.s
Red R.
English F.t
Winnipeck R.
L. of the Woods
Sauteux Indians
Rainy Lake
Rainy R.
L. SUPERIOR
Michipecoton
Red L.
Sioux Ind.s
St. Peter's R.
The Upper Mississippi
Ouisconsin R.
Fox R.
250 leagues from the Missouri Mouth
Little Nid Mah R.
Great Nid Mah R.
Blue R.
Kansey Ind.s
Kansez River
R. Missouri
R. des Moines
Illinois R.
Cantine R.
Kahokia
Kaskaskia
St. Louis
Ausage R.
Great Ausages
Little Ausages
Ste. Genevieve
New Bourbon
La Tour
Mississippi R.
North Fork
River des Arcs
Great Potatoe R.
So. Fork of O. Ausage
Apacoi R.
North River
San Jerome Detous
San Lauran de Picurie
Santa Fé
Notes.
Wandering Nations
Fixed or permanent d.o
The line formed thus, divides the United States from Canada
...... signifies the route pursued by the English traders among the Indian Nations
N.B. The narrowest part of the Neck of the Grand Detour, or Great Bend of the Missouri is only 20 miles across.
120
115
110
105
100
95
90
50
45
40
35

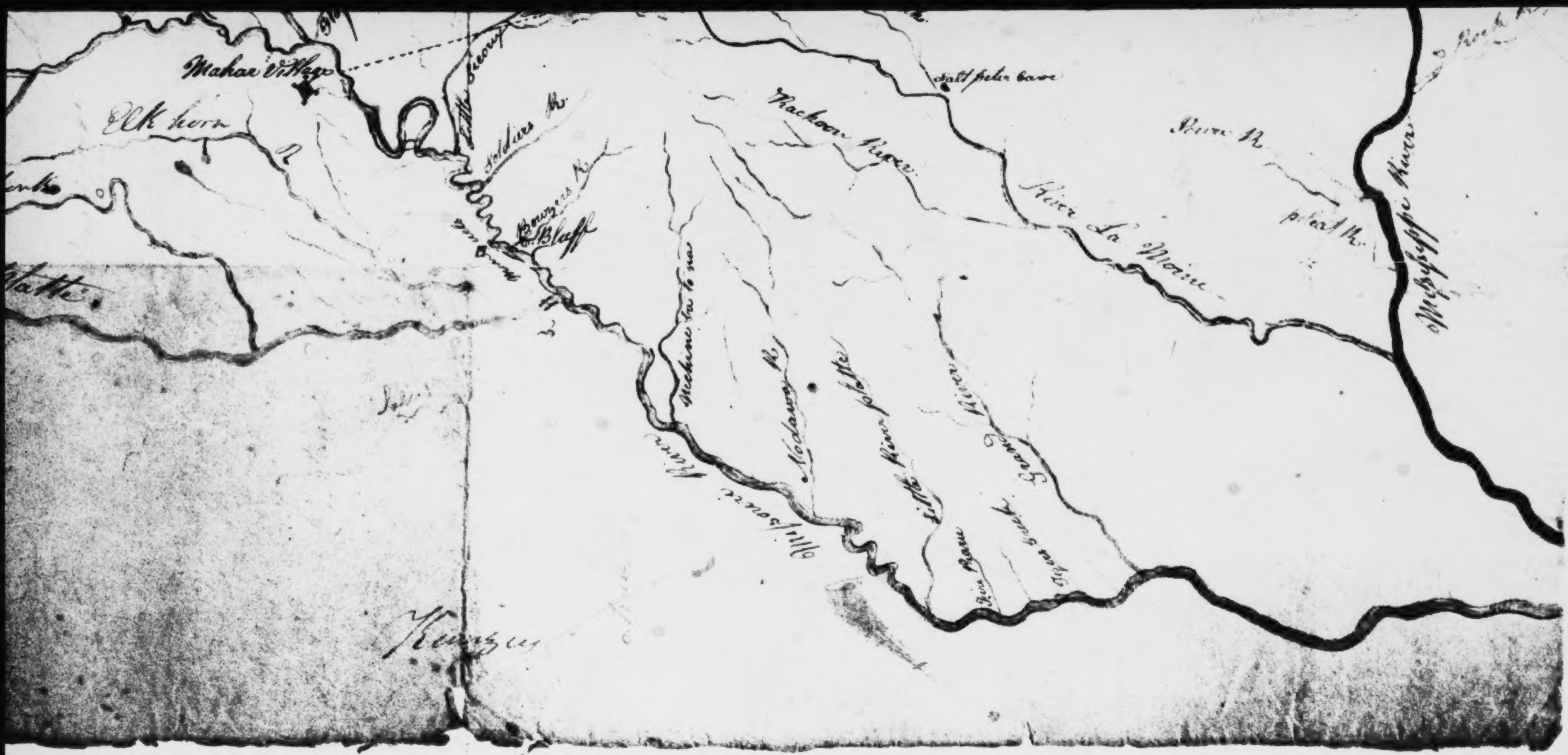
Note: The nort[illegible] of the
Grand Detour [illegible] in
Mackingie) lies [illegible] Lon: 101:25'

2. "A Topogr[aphical] Sketch of the Missouri and Upper Mississippi, exhibiting The various Nations and Tribes of Indians who inhabit the Country. Copied from the original Spanish MS. Map."

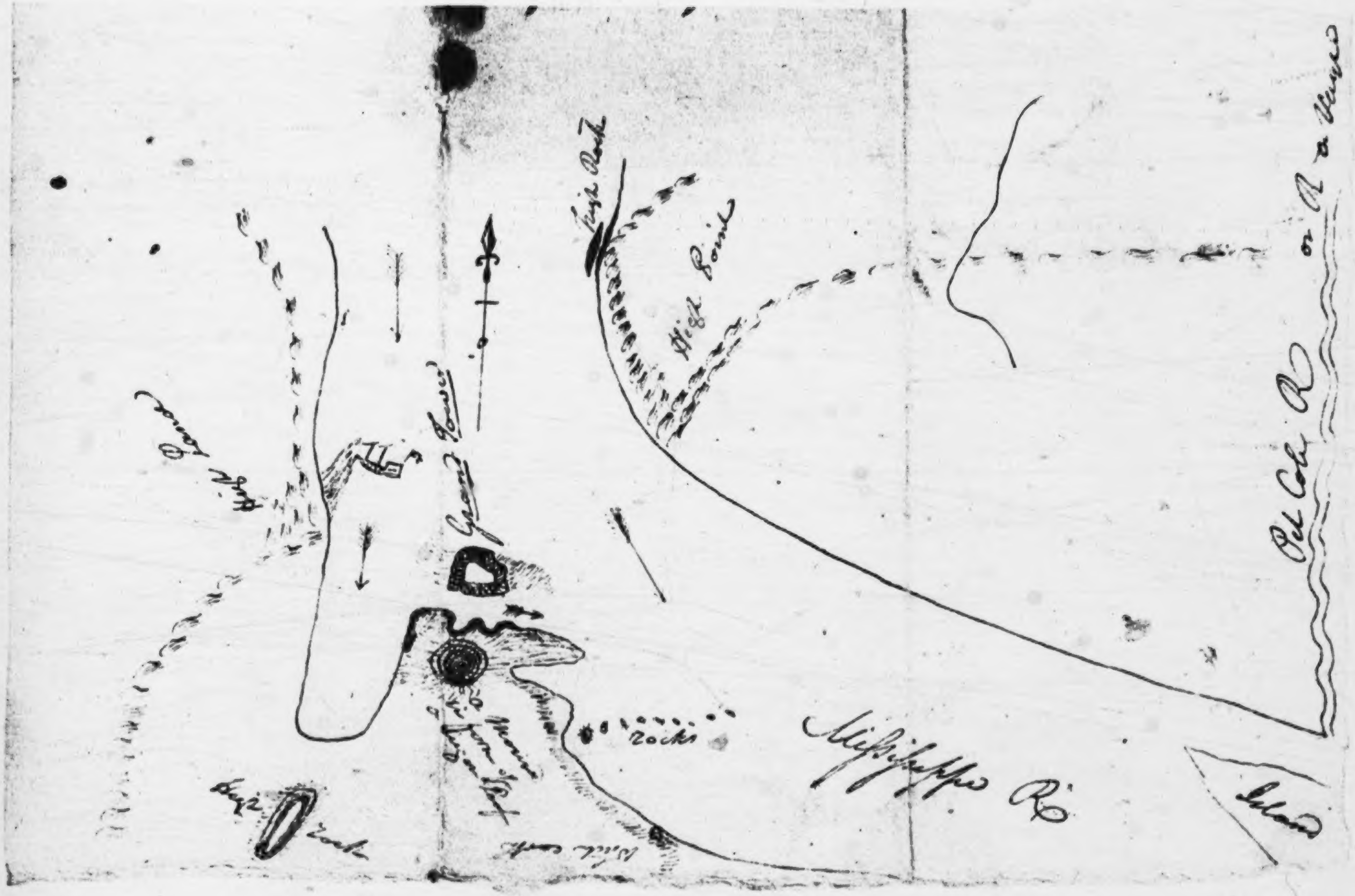
 Cannonball R.
Wetarhoo R.
Sarwarcarne
otter Cr.
Sockarnu C.
Chyanne River
Teton River
White R.
Quecurre
Burnt
Jacque


Lake Superior
R. St Louis
Montreale R.
River St Peters
River St Croix
R. St Francis
Rum R.
Chippeway River
Copper mine R.
Lake Pepin
River of the Mountain
Black River
Prairie de Chien
Ouisconsin
Iowa River
Yellow R.
Turkey R.
Sack River
Elk R.
Pike R.
Buckly R.
Buckly prairie

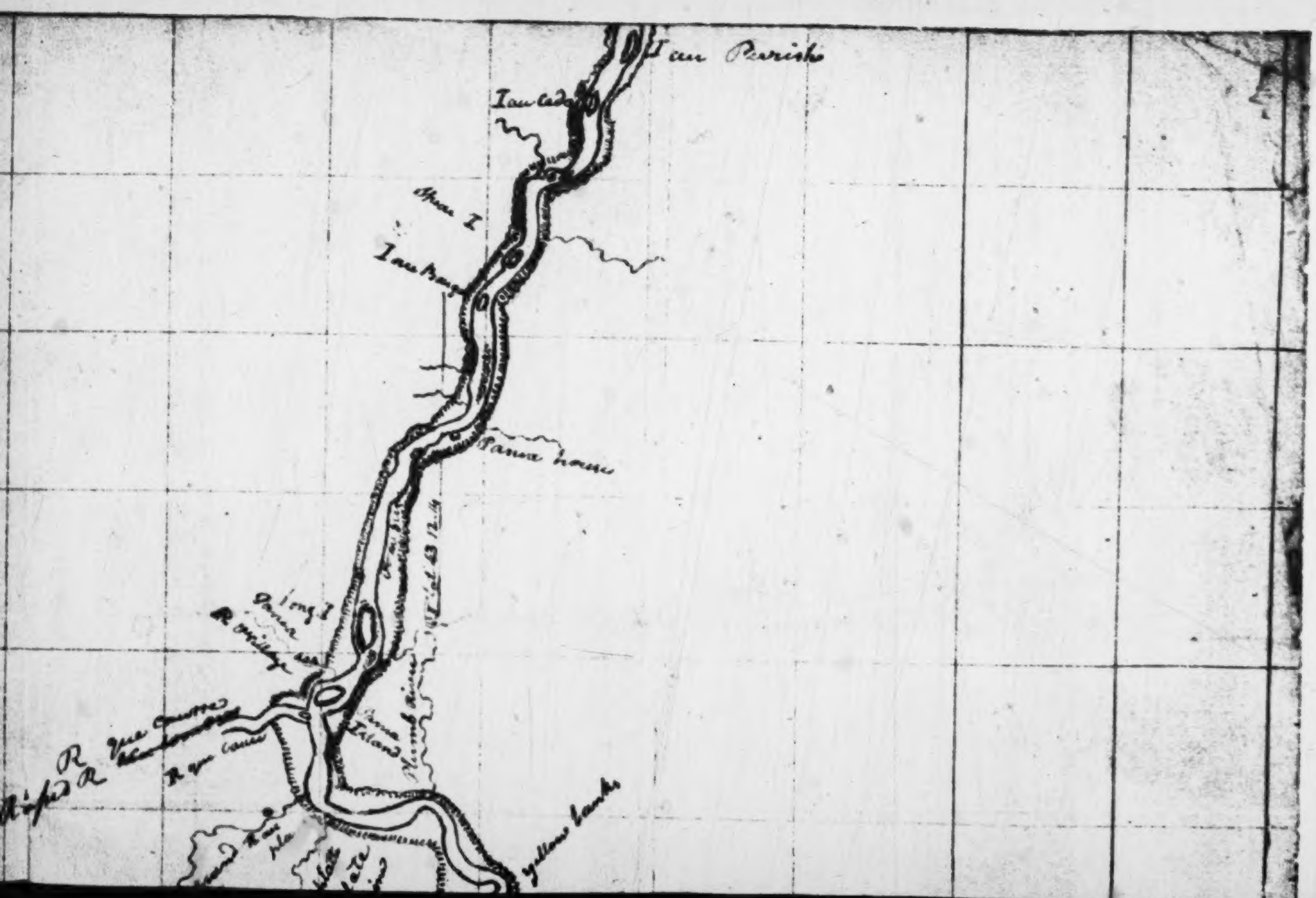

Luceurre River
Wolf fork
River La platte

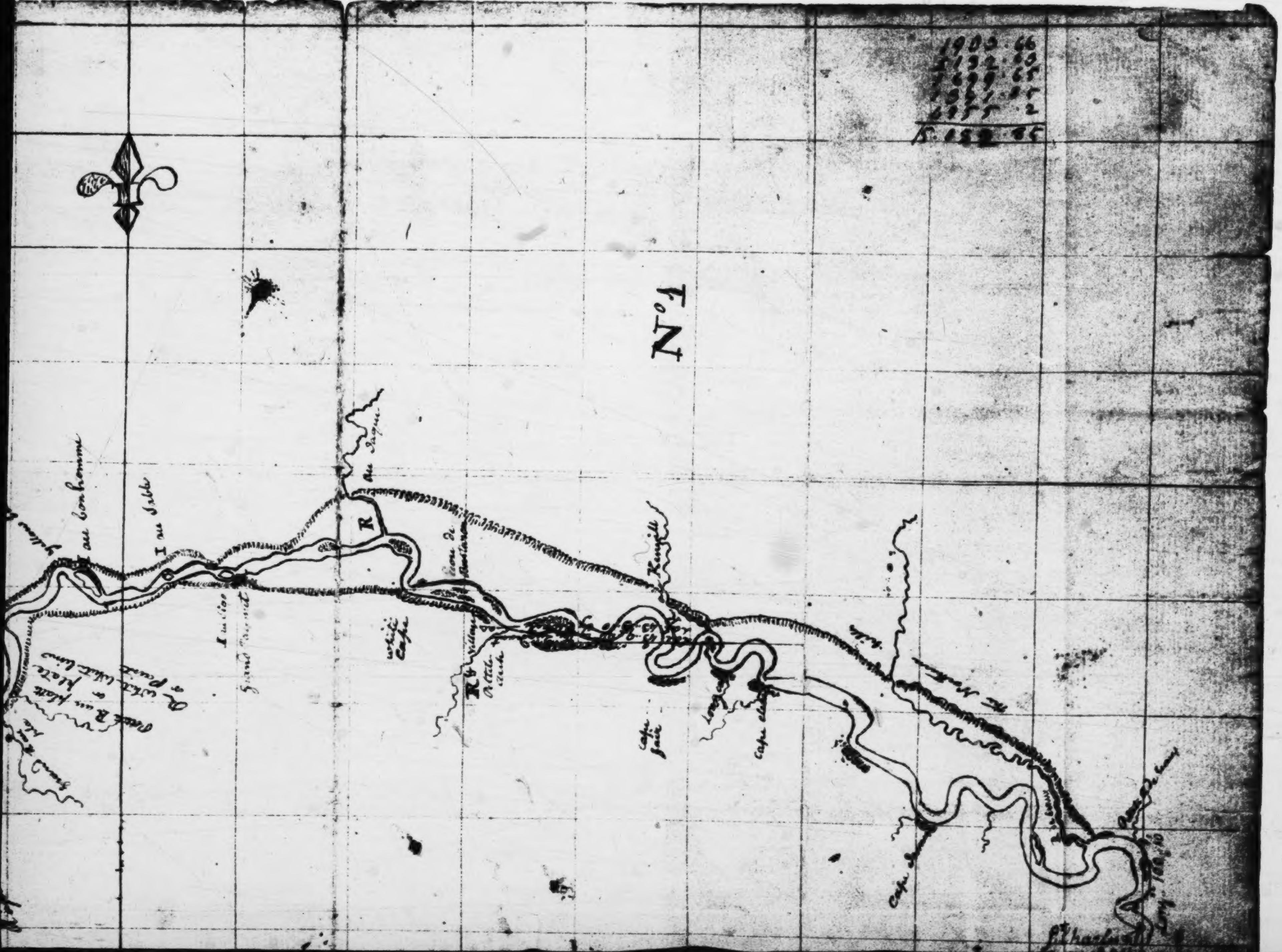

Mahar Village
Elk horn
Little Sioux
Soldiers R
Boyers R
Bluff
Platte
salt peter cave
Rackoon River
River La Moine
Mississippi River
Rock R
Missouri River
Nodaway R
Little River platte
Grand River
Kanzeu

3. The Upper Mississippi system, and the Missouri system as far as the Mandans.


High Rock
High Point
High land
rocks
Mississippi R
Island

4. The neighborhood of Camp River Dubois, 1803-04.


Iau Parish
Iau Cadr
Ilma I
Iau Bay
Pania house
Long I
Pania
R village
Pania Island
Lat 43 12
R qui Court
R qui court
yellow banks
Platte

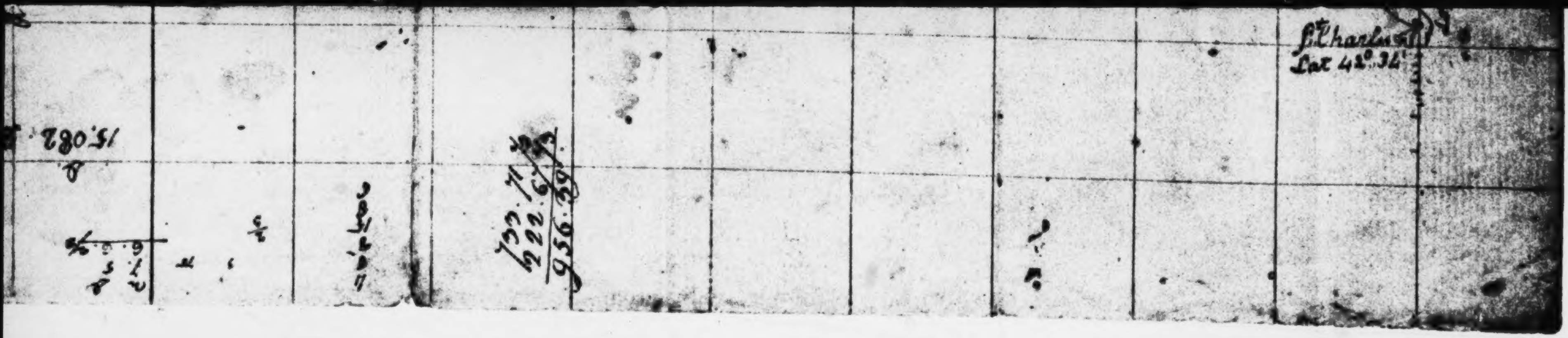

1900.66
2132.60
1699.65
1671.85
6955.2
15152.85
N°1
R au Paqué
R
I au bonhomme
I au Sable
I au Cèdre
Grand Detroit
white Cape
Petite R au plate
Petite Vache
Petite Arch
Kempill
Cape Jaie
Long Cap
Cape Clear
Cape Jean
St Charles
Long. 188.10

Sl. sh. Dam

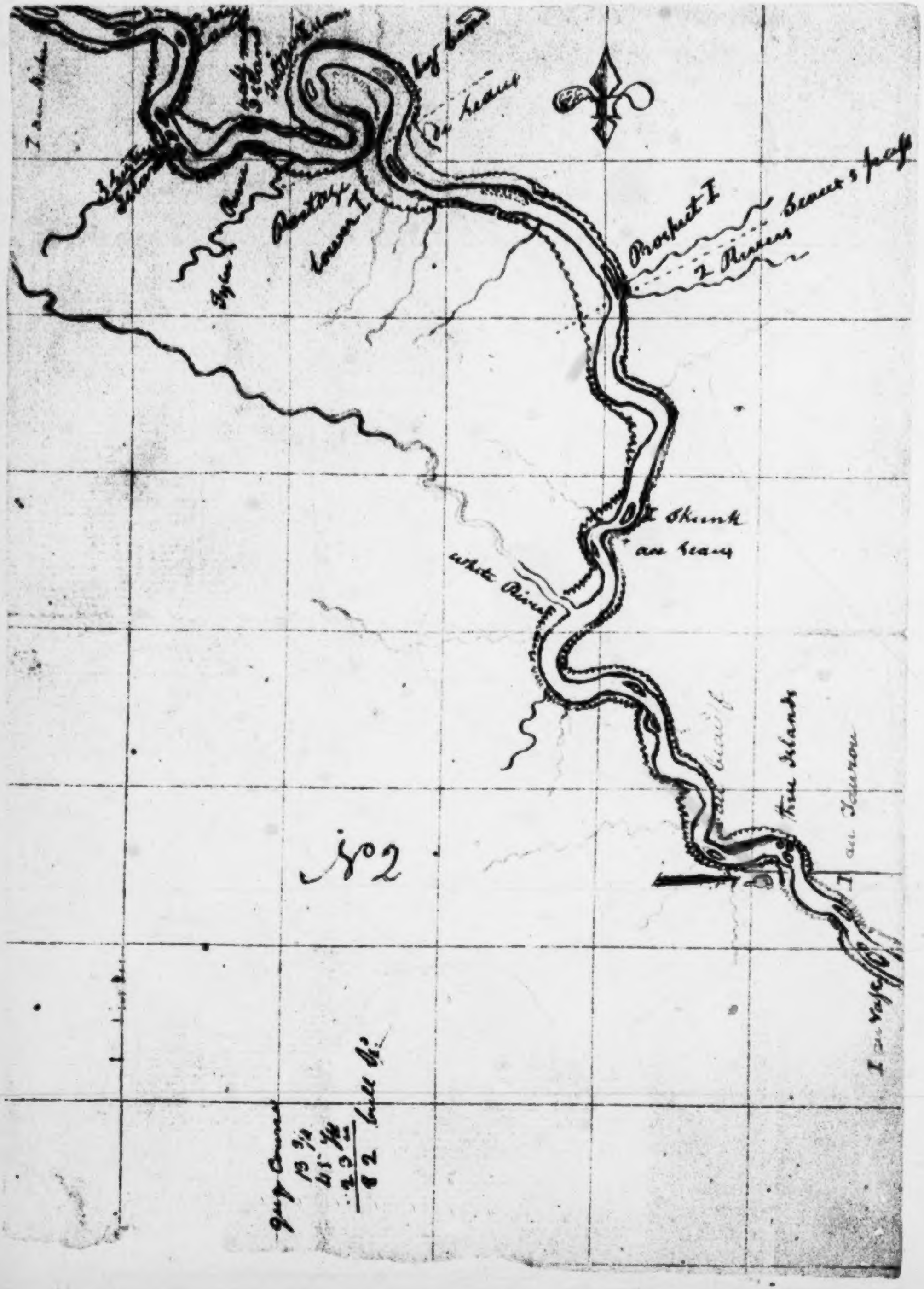
82 · 35 · 4 · 6 · ½

3 · ½
3

488
1691
2604
2309
2825
5163
8
15082


St Charles
Lat 42°.34'

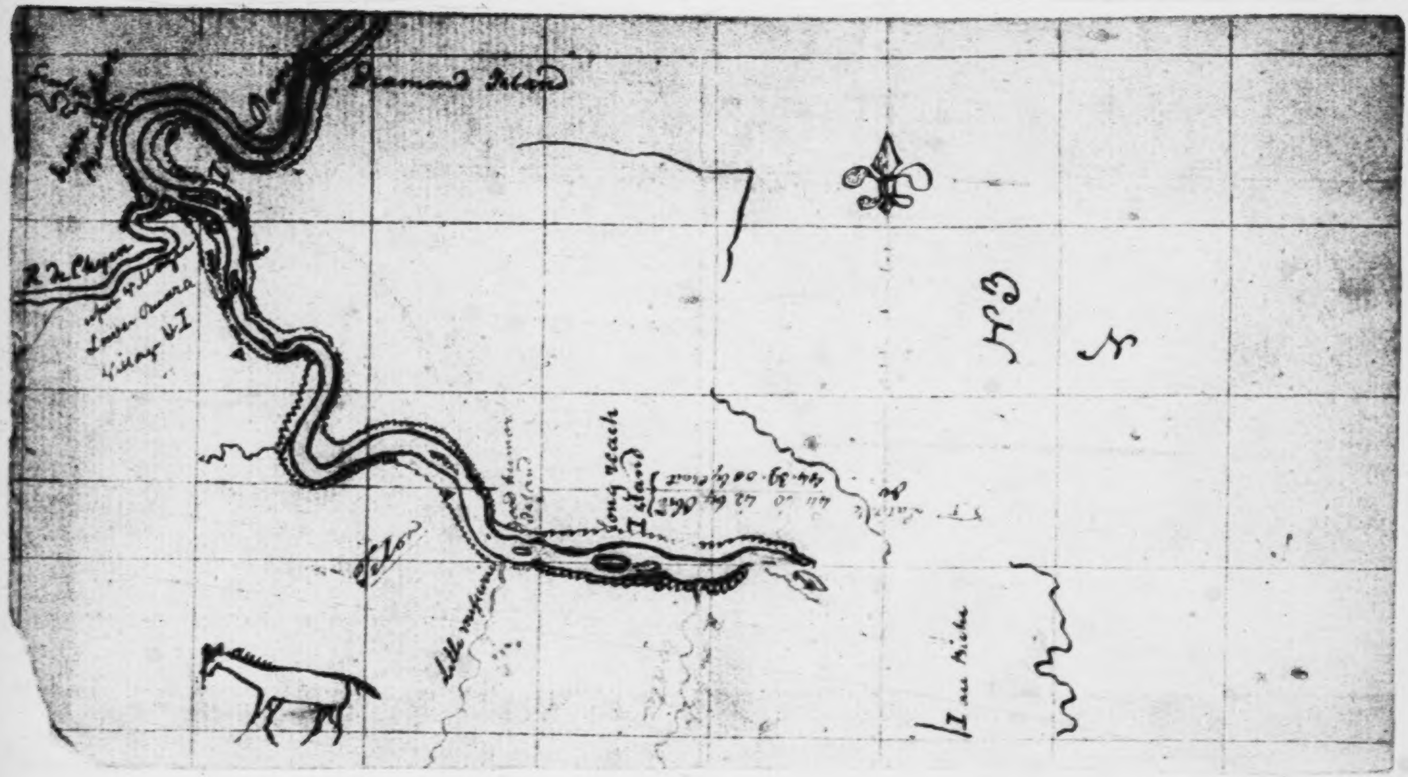
5. The Missouri River, from St. Charles to Isle au Parish.
Route from May 21–about June 20, 1804.

I au Biche
big bend
Du Leau
Prospect I
Seneca's fess
2 Rivers
Lower I
Pantry
White River
I Skunk
au Leans
Tree Islands
I au Tauron
I au Vases
No 2
13 3/4
45 3/4
22
82

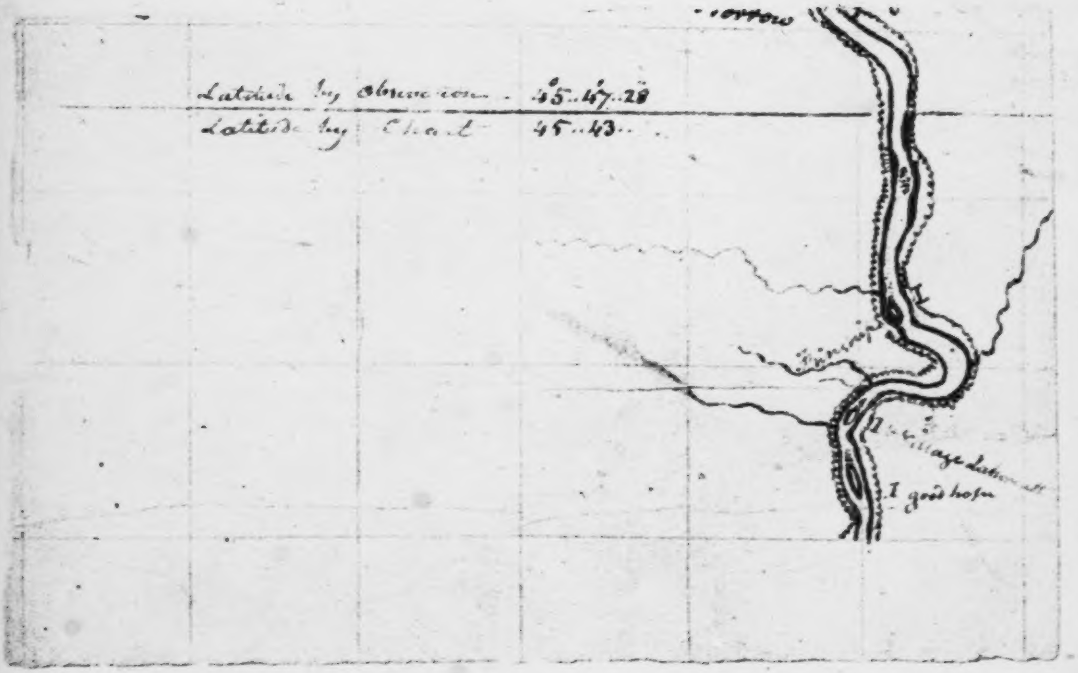
6. The Missouri River, in South Dakota, from Mud Island to Elk Island.
Route from September 10-23, 1804.

Mud Island (Isle au Vase) is identified by Coues as Snag Island, not far above Wheeler. Elk Island (Isle au Biche), just below Medicine Knoll River, is not charted on ordinary maps.

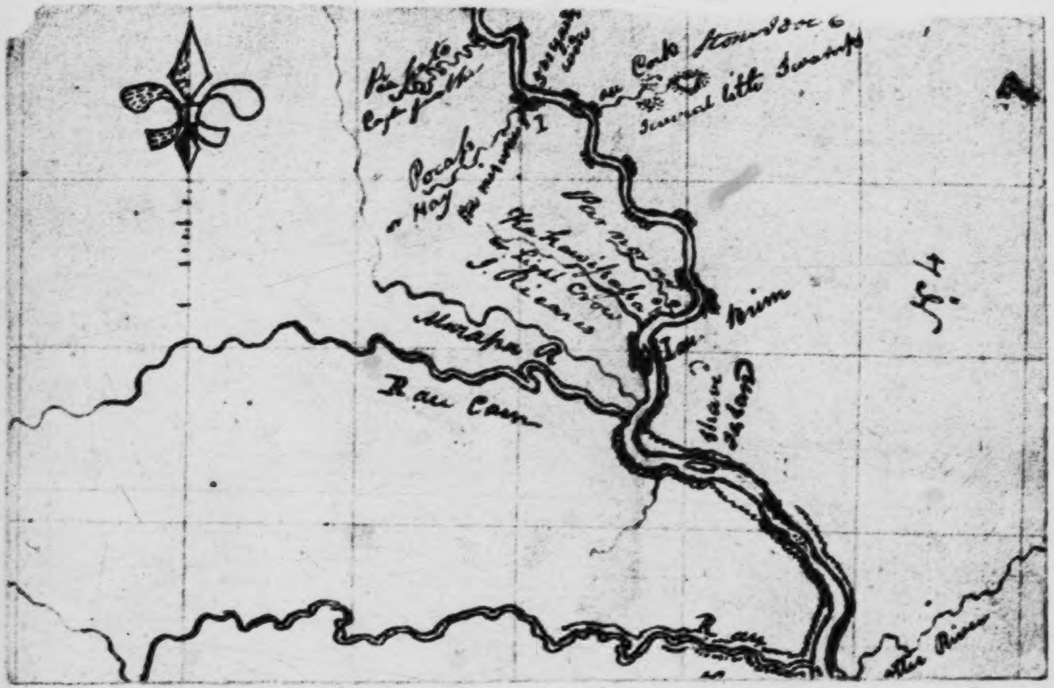
This chart is remarkably accurate and embraces the Big Bend of the Missouri. Clark gives here the French forms of the names, evidently those learned from his engages.


Diamond Island
R. la Chyen
Lower Ricara Village
Long reach Island
little missouri

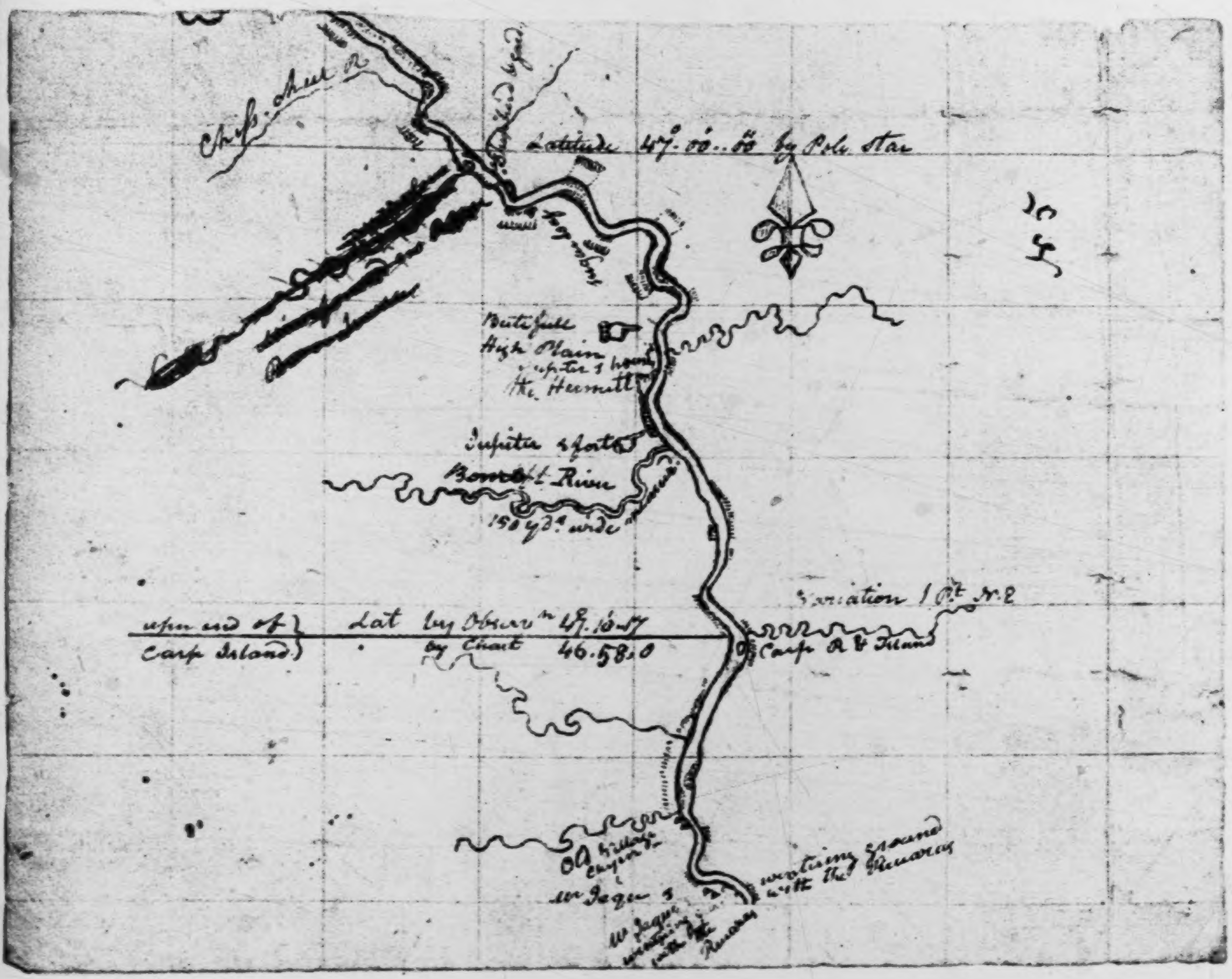
7. The Missouri from just below Antelope Creek [R on High Water] to about the northern limit of Sully County, South Dakota—the Teton country. Diamond Island is not the one so called in the journals, but apparently the present H. Fishbeck Island. The route is shown for September 24-October 2, 1804.


orrow
Latitude by observation . 45..47..28
Latitude by Chart 45..43..
I
village Lahoocatt
I good horse

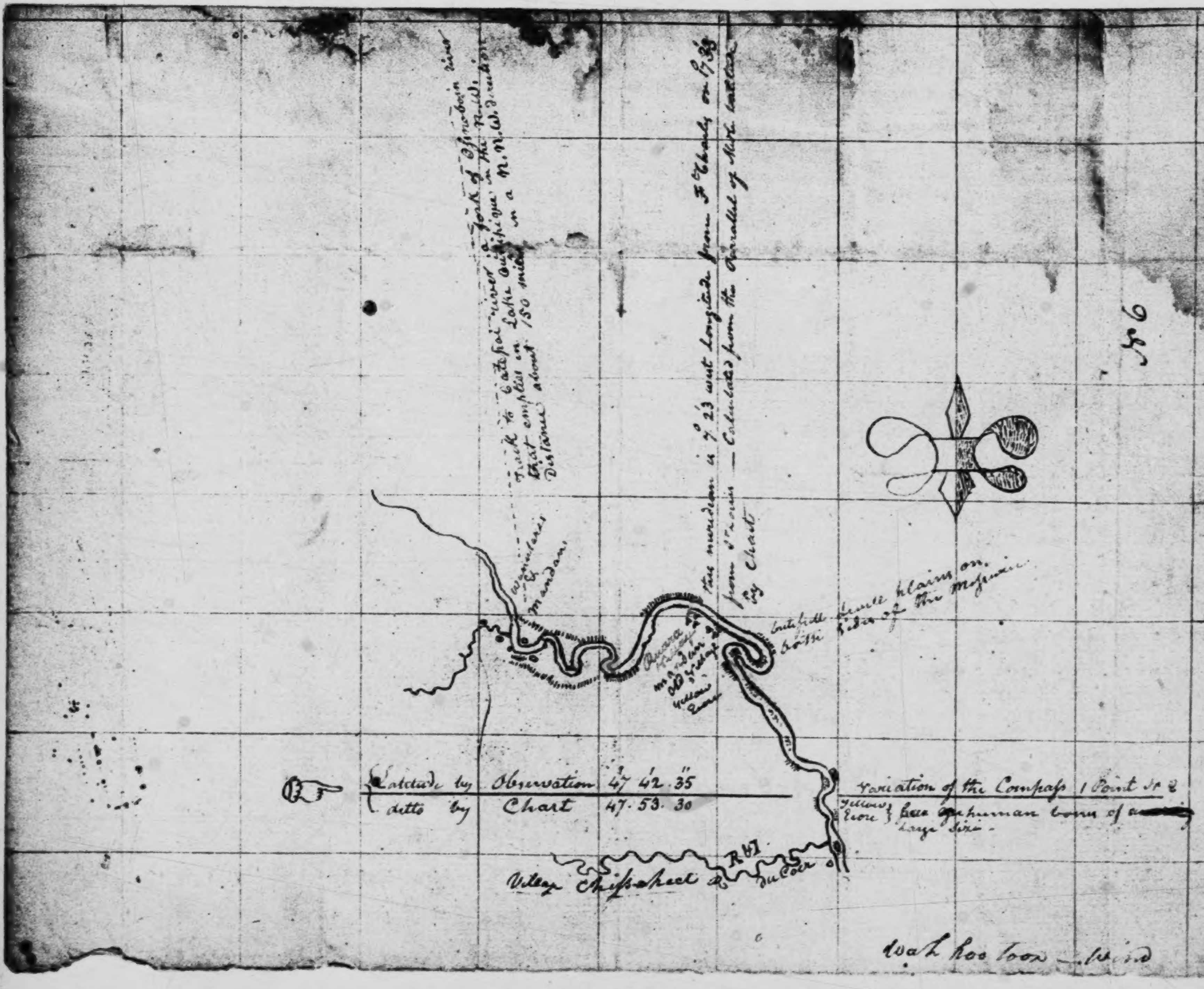
8. The Missouri, about forty miles above the mouth of Cheyenne River. The river coming in at the right, is Little Cheyenne. Lahoocatt Island is apparently the one now called Lafferty's; the present Cheyenne Agency is just above this point. The route is shown for October 2-5, 1804.


Pocak or Hay
Kakawissassa
Lighl Crow
J. Ricaras
Maropa R.
R au Caun
Several litle Swamps
No 4

9. The region of the Arikara villages, on the Missouri—the route for October 7-15, 1804. The river at the bottom of the map is the present Moreau, in South Dakota, near the boundary of North Dakota. The lesser creeks bear the names of Arikara chiefs.

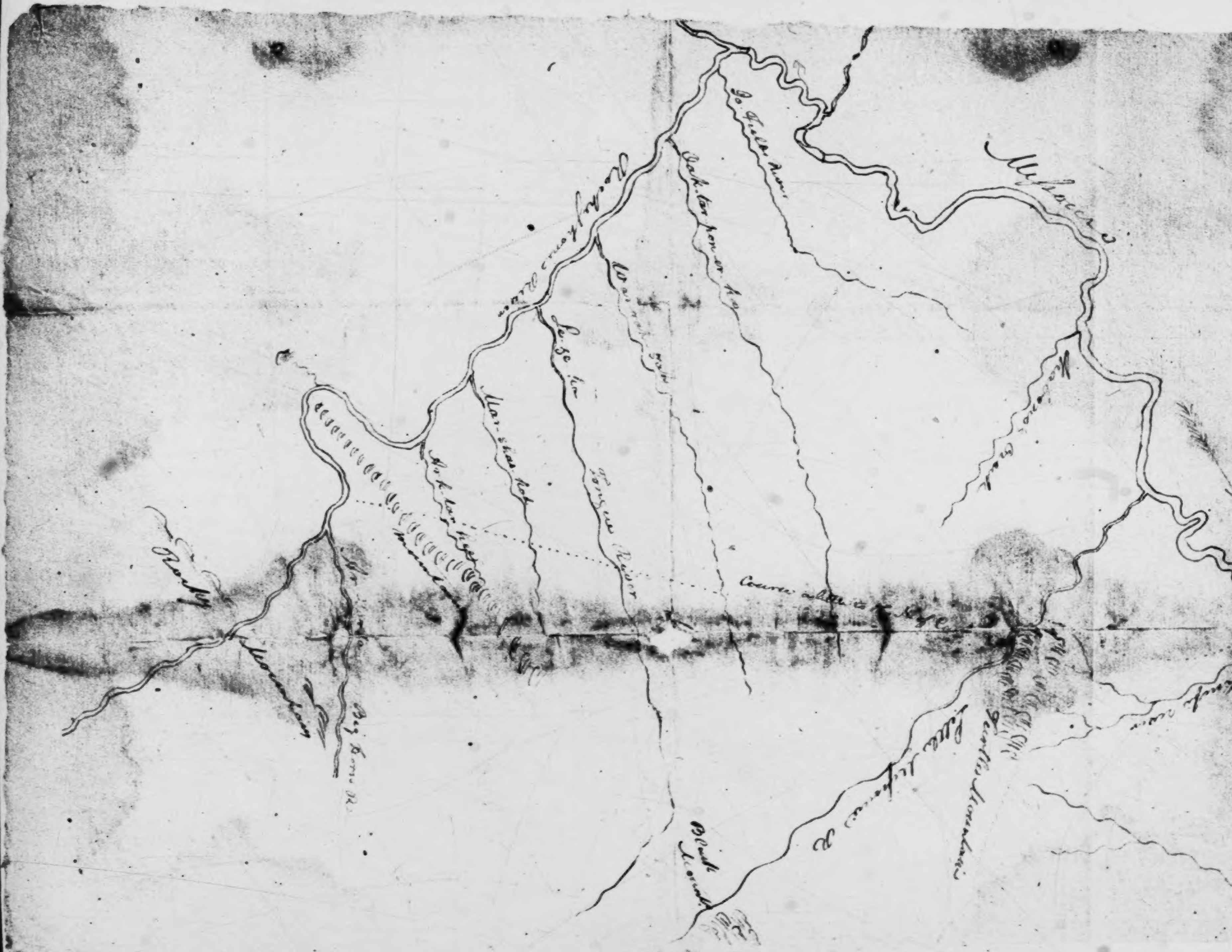

Chiss-chut R
Latitude 47° 00.. 00 by Pole star
Butifull High Plain
Jupiter's house
the Hermitt
Jupiter's fort
Boulet River
150 yds wide
Variation 1 Pt N.E
upper end of Carp Island
Lat by Observn 47.16.17
by Chart 46.58.0
Carp R & Island
Old Village
Mr Jaque's
wintering ground with the Ricaras
Mr Jaque wintering with the Ricaras

10. The Missouri in North Dakota, from about the point where it enters that state from South Dakota to just below the site of Bismarck—the route for October 15-21, 1804. "Chesscheet" is the present Little Heart River; the one about the centre of the map, is intended for "Boulet," or Cannonball River. Carp River is that now known as Beaver Creek, in Emmons County, North Dakota.



No 6
Track to Catepoi river a fork of Assiniboin river
that empties in Lake Ouinipique in the N.W.
Distance about 150 miles in a N.N.W. direction
Wenetarees & Mandans
this meridian is 7° 23' west Longitude from Ft Charles on 1738
from St Louis — Calculated from the Parallel of [illegible]
by Chart
little little plains on both sides of the Missouri
Ricara Village
Mandan Old Village
Yellow Stone
Latitude by Observation 47° 42' 35"
ditto by Chart 47. 53. 30
Variation of the Compass 1 Point to E
Yellow Stone } here are human bones of a ~~very~~ large size.
Rivi
Village Chissehaci R du Coeur
Wah koo too — Wind

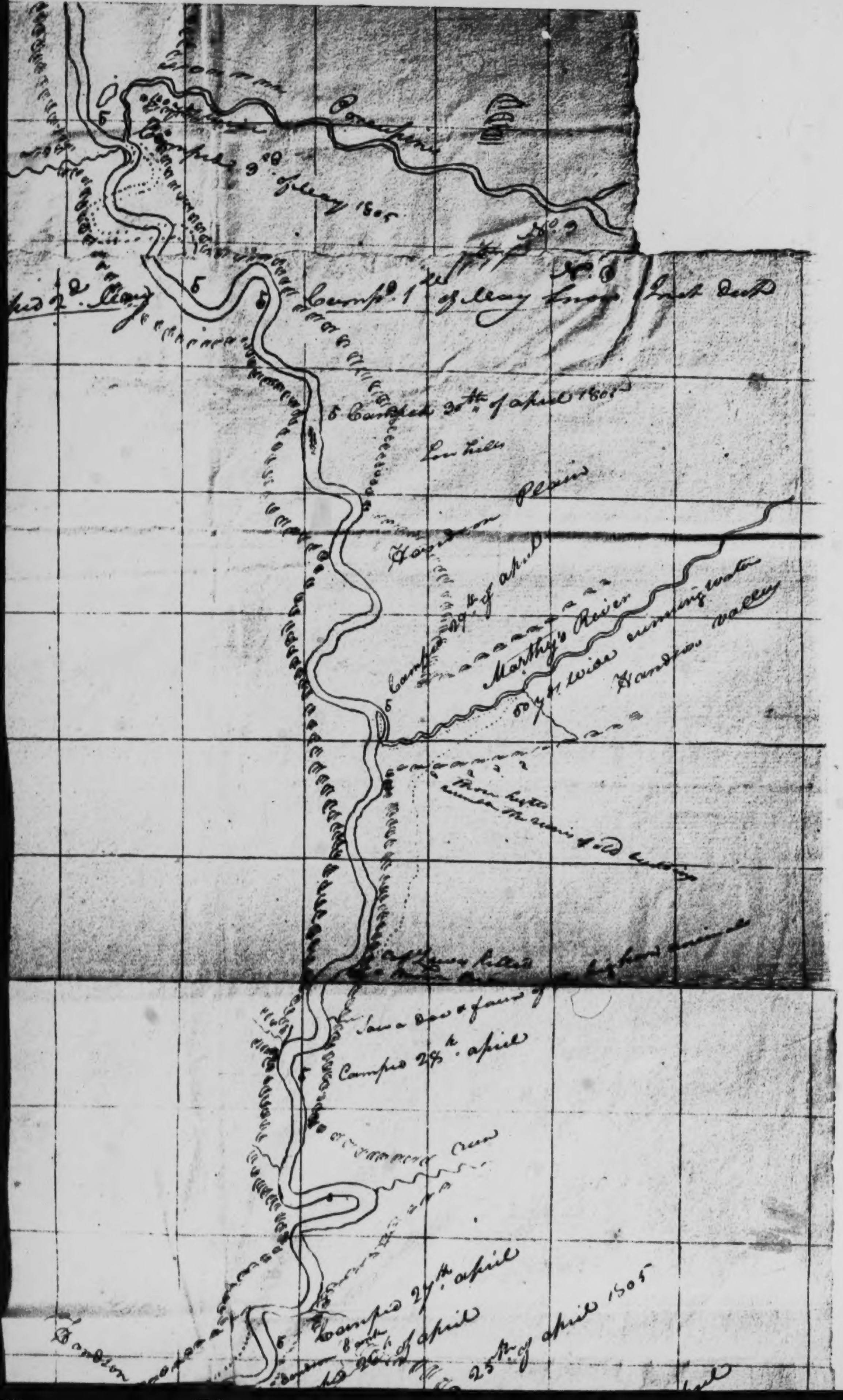
11. The Missouri, in the neighborhood of Fort Mandan; showing the British fur-trade trail towards the Assiniboin.

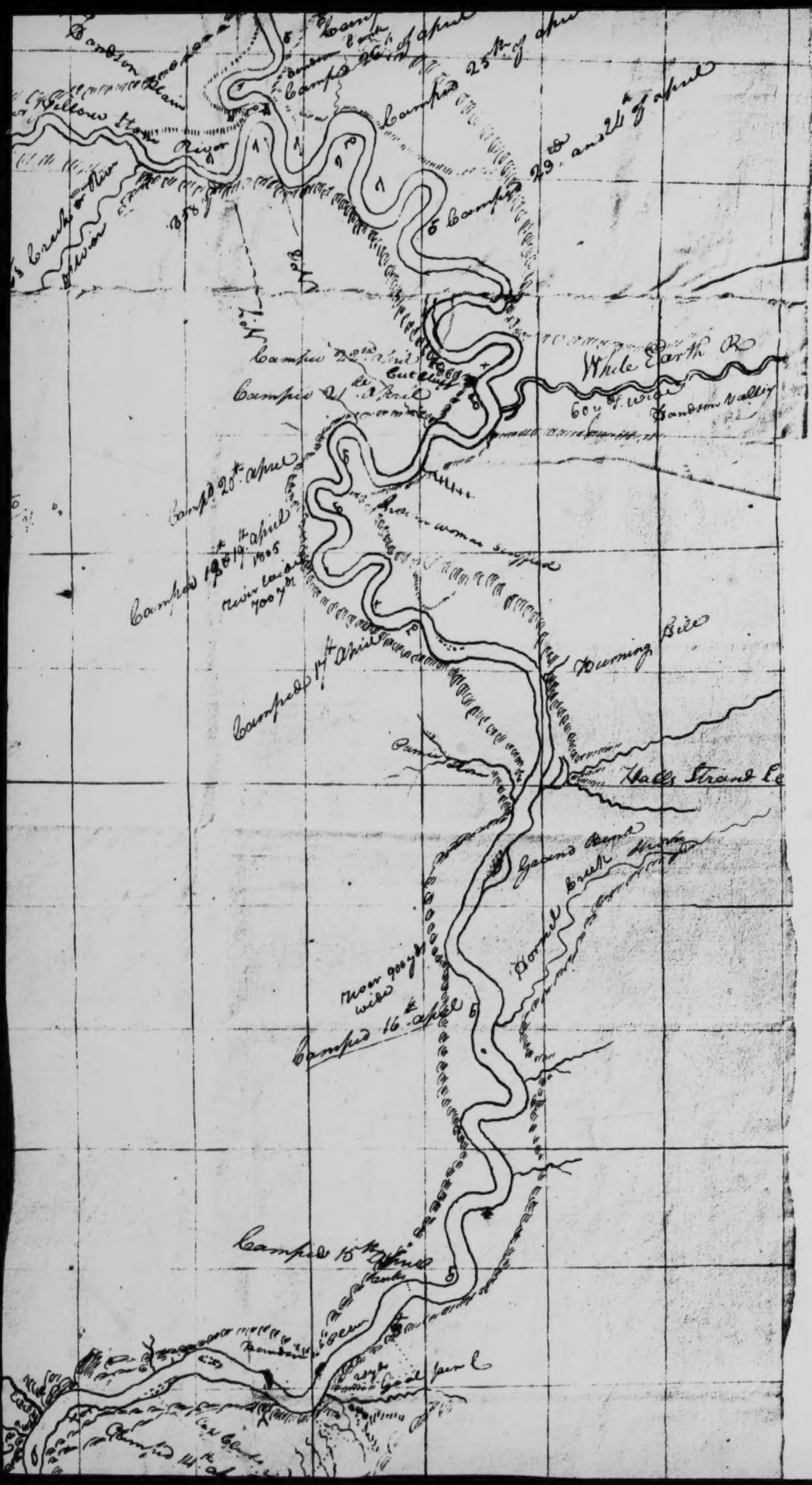

Missouri
Yellowstone River
Tongue River
Course altered
Rocky
Big Horn R.
Little Missouri R
Knife River
Mandans
Black Mountain

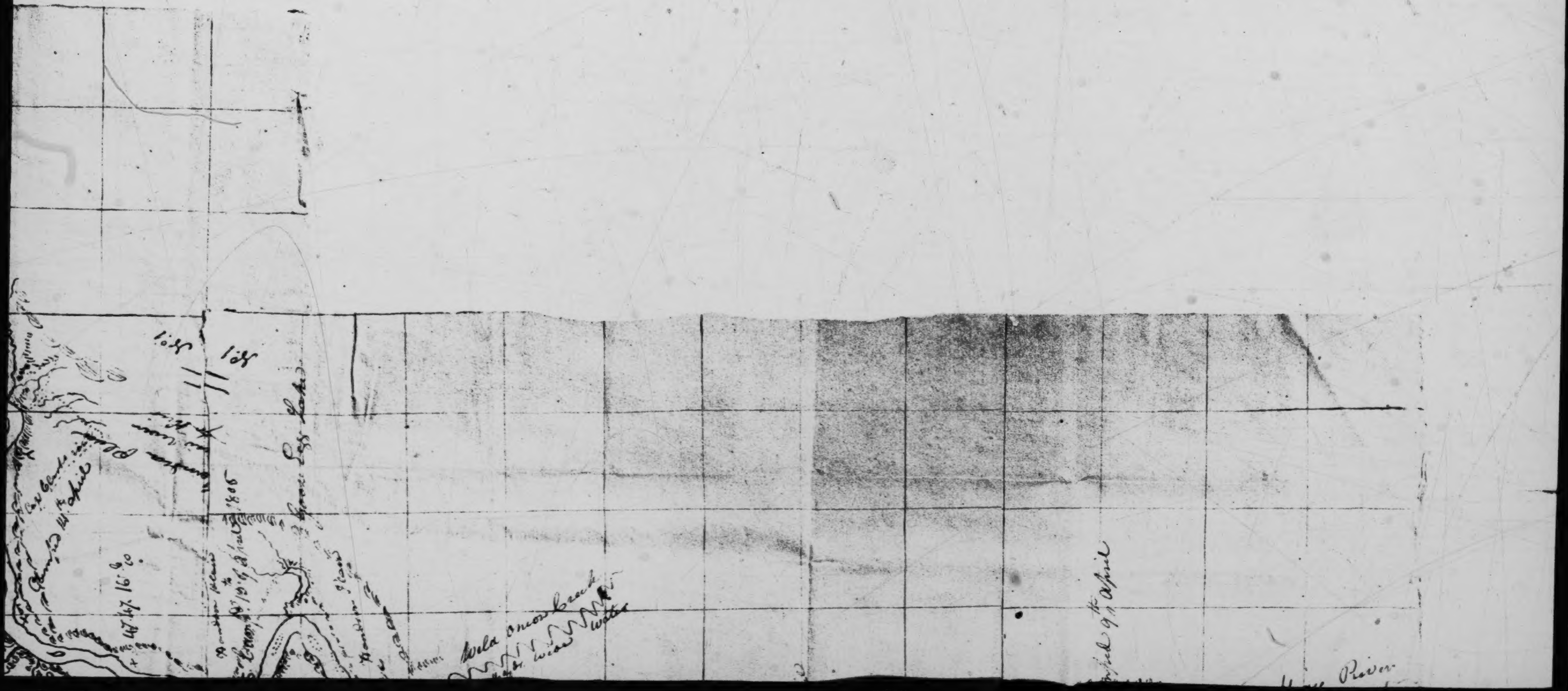
12. Trail from the Mandans to the Yellowstone—derived apparently from Indian information obtained at Fort Mandan.

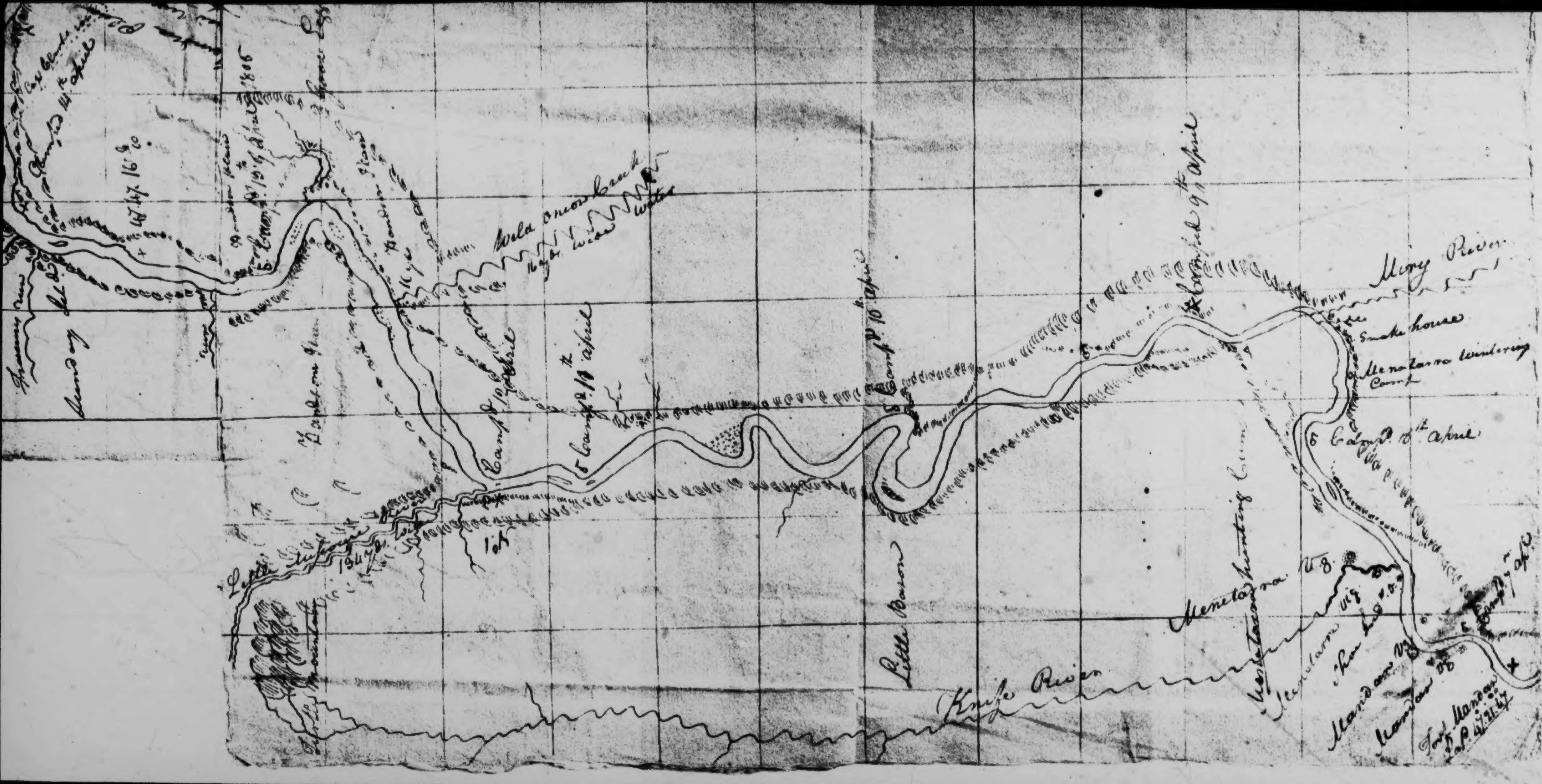
montagne de roche
Cote de roche
Shievetoon
Riviere yellow rock
Village de Bœuf
wanutaries
mandans
au Mona ma

13. From the Mandans to the Rockies—based apparently on information obtained from French and Indians at Fort Mandan.

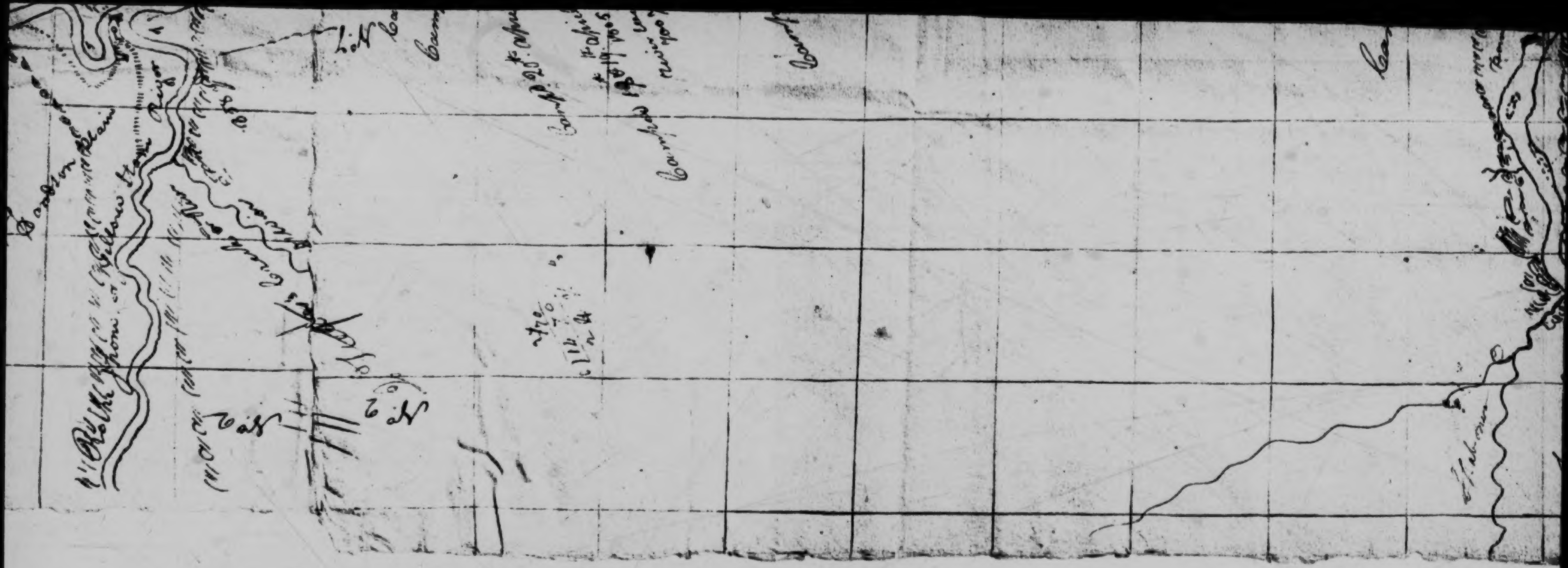

Camped 2d. of May 1805
No. 9
No. 8
Campd. 1st of May
ked 2d. May
Camped 30th of april 1805
Low hills
Plain
Handsom
Camped 29th of april
Marthy's River
60 yds wide running water
Handsom valley
Saw a Doe & fawn of
Camped 28th. april
Creek
Camped 27th. april
Camped 26th of april
25th of april 1805


Sandston Plain
Yellow Stone River
Camped 26th of April
Camped 25th of April
Camped 23d. and 24th of April
Camped
No 7
No 8
Camped 22d. April
Camped 21st April
White Earth R
60 yd. wide
Sandstone valley
Camped 20th April
Camped 18th & 19th April 1805
river wide 700 yds
woman
Burning Bluffs
Camped 17th April
Halls Strand Ck
Goose Egg Lake
Creek
river 900 yds wide
Camped 16th April
Camped 15th April
Camped 14th of April

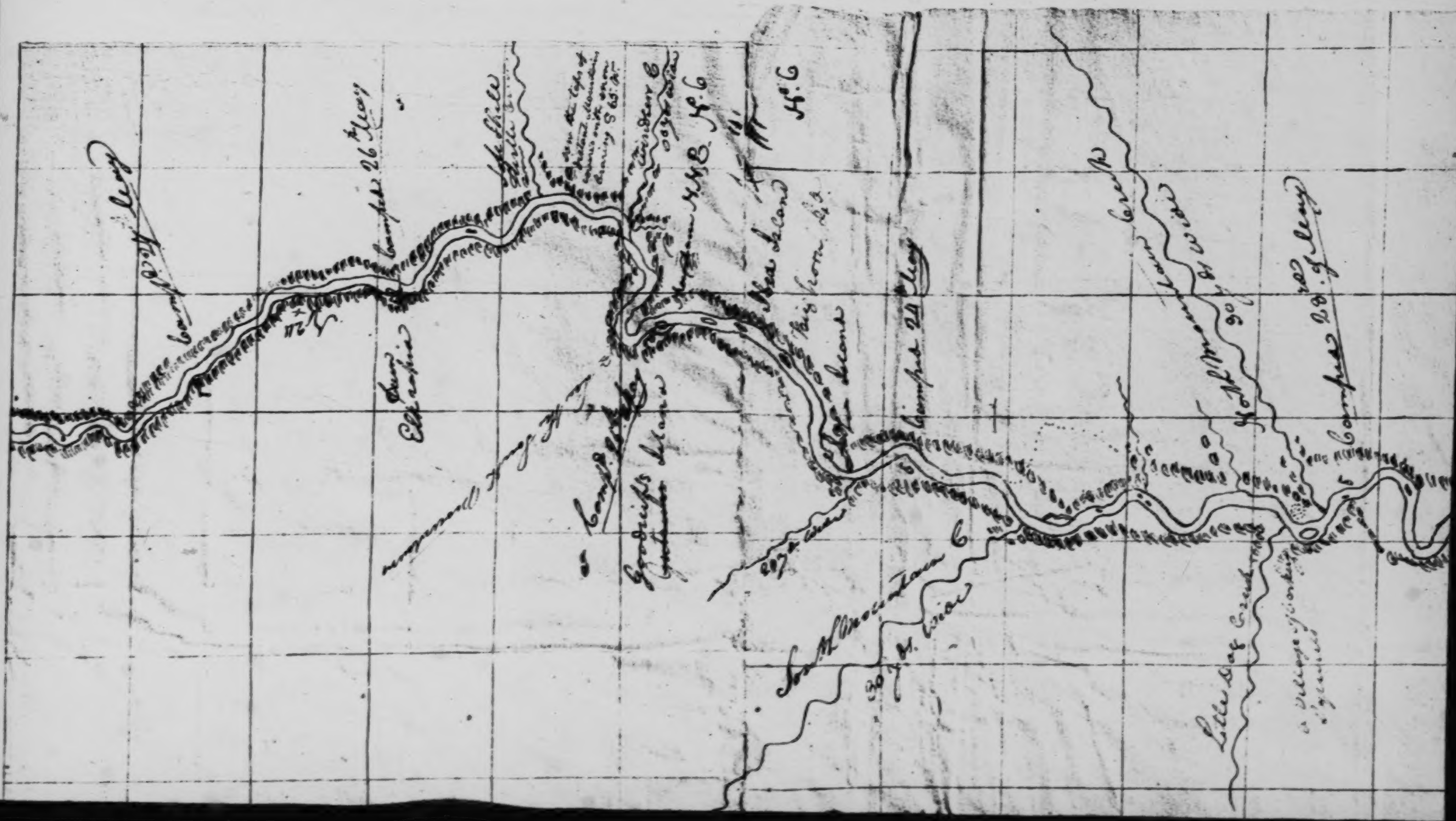

105
105
Camp'd 11th April
Lat. 47. 16. 0
Camp 13th of April 1806
Wild onion creek
wide water
9th April
River


Cut bluffs
Camp'd 14th April
Lat. 47° 16' 00"
Camp'd 13th April 1805
Sunday Id.
Random Plains
Wild onion creek
16 yds wide
water
Camp'd 10th April
5 Camp'd 11th April
Little Missouri
134 yd
Turtle Mountain
Little Basin
Knife River
Camp'd 9th April
Miry River
Smoke house
Menatarra wintering Camp
Camp'd 8th April
Menetarra hunting Camp
Menetarra V.s
Menetarra Vig
Shew hto V.s
Mandan V.s
Mandan V.s
Camp'd 7th &c
Fort Mandan
Lat. 47. 21. 47

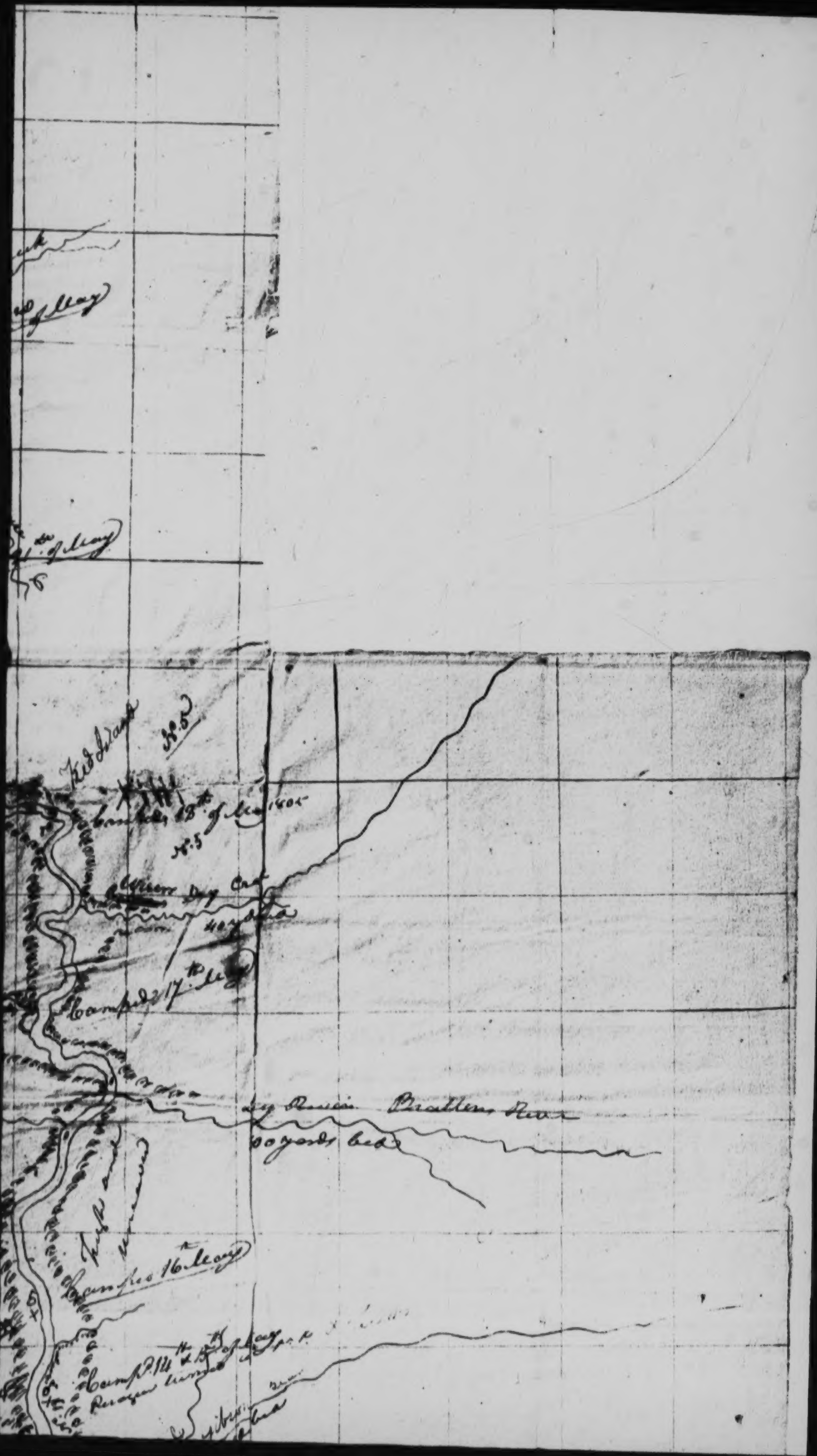
6
6
Two mile Creek
30 yds wide
Campd 2d. May
By Gordon

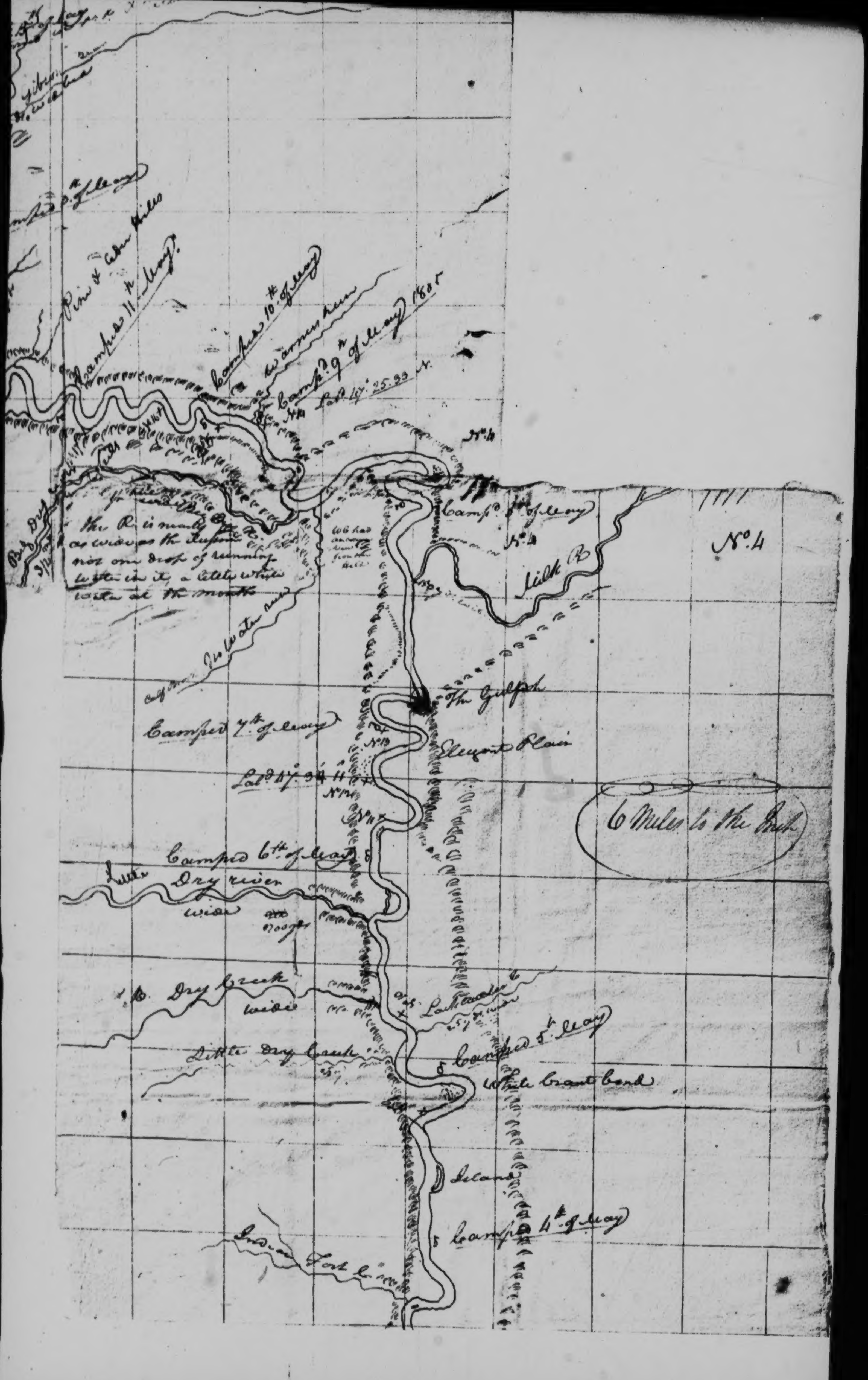


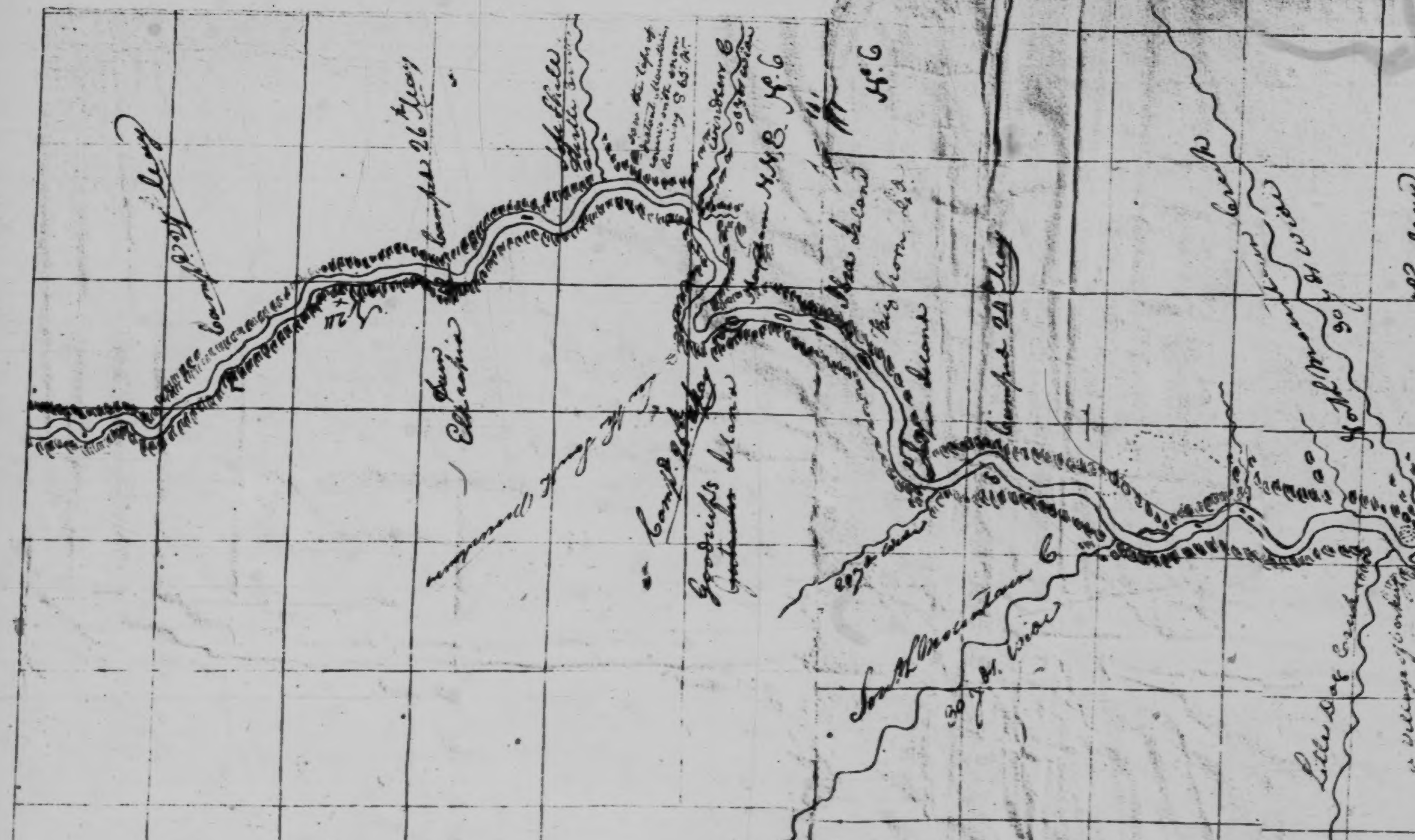
14. Sketch of the Missouri from Fort Mandan to the Rocky Mountains.—" From the 7th April to the 15th July, 1805."
Part I.

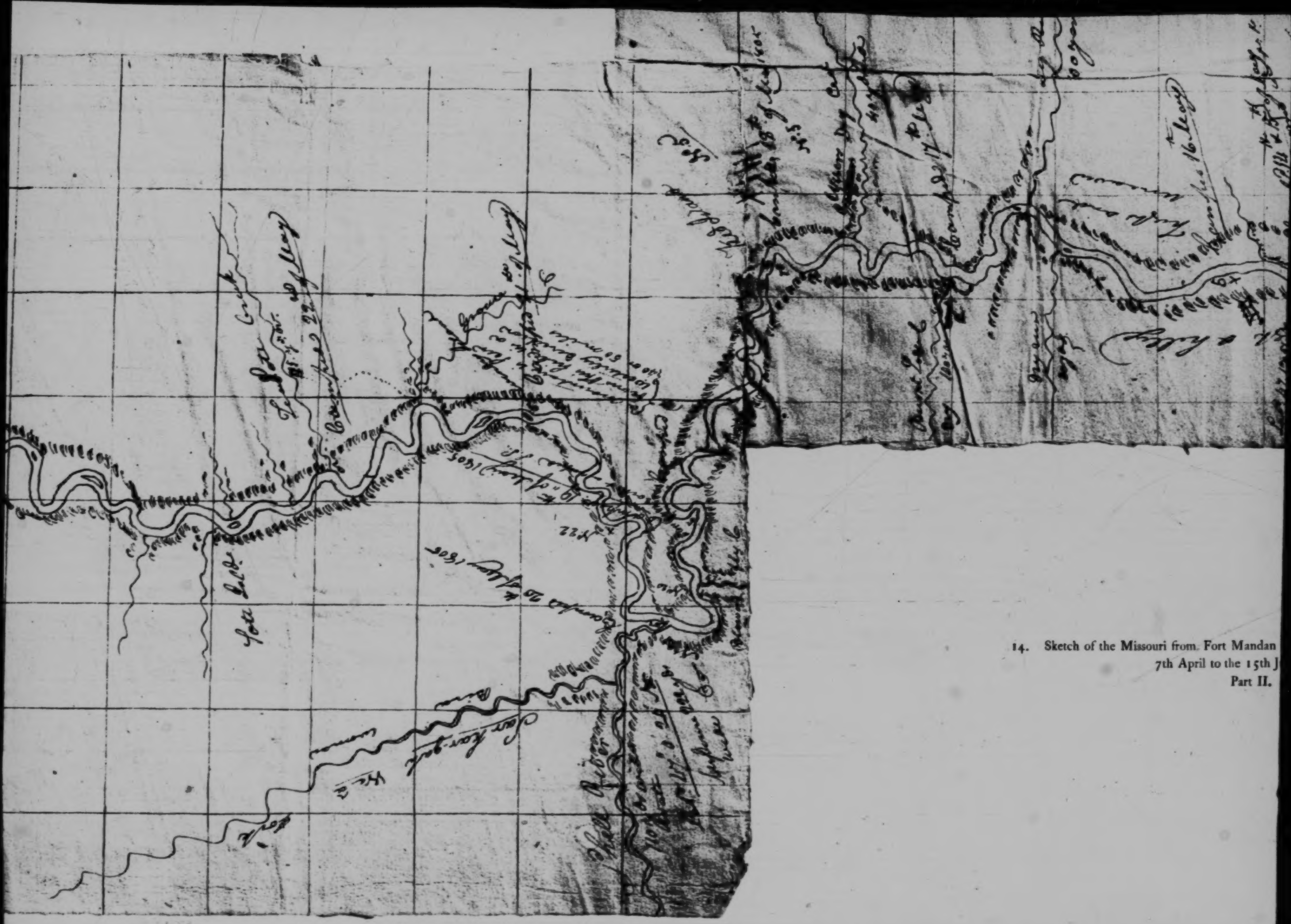


Camp'd 27th May
Camped 26th May
Saw Elk rapid
24
Little Shell R
saw the tops of distant mountains in the same course S 65 W
Windsor C 33 yds wide
H.M.B. No 6
No 6
Camp 25 May
Goodrich's Island
Sea Island
Bighorn 93
Ash Island
Camped 24 May
North Mountain Creek
30 yds wide
North Mountain Creek 90 yds wide
Camped 28 May
Little Dog Creek
a village of Indians deserted

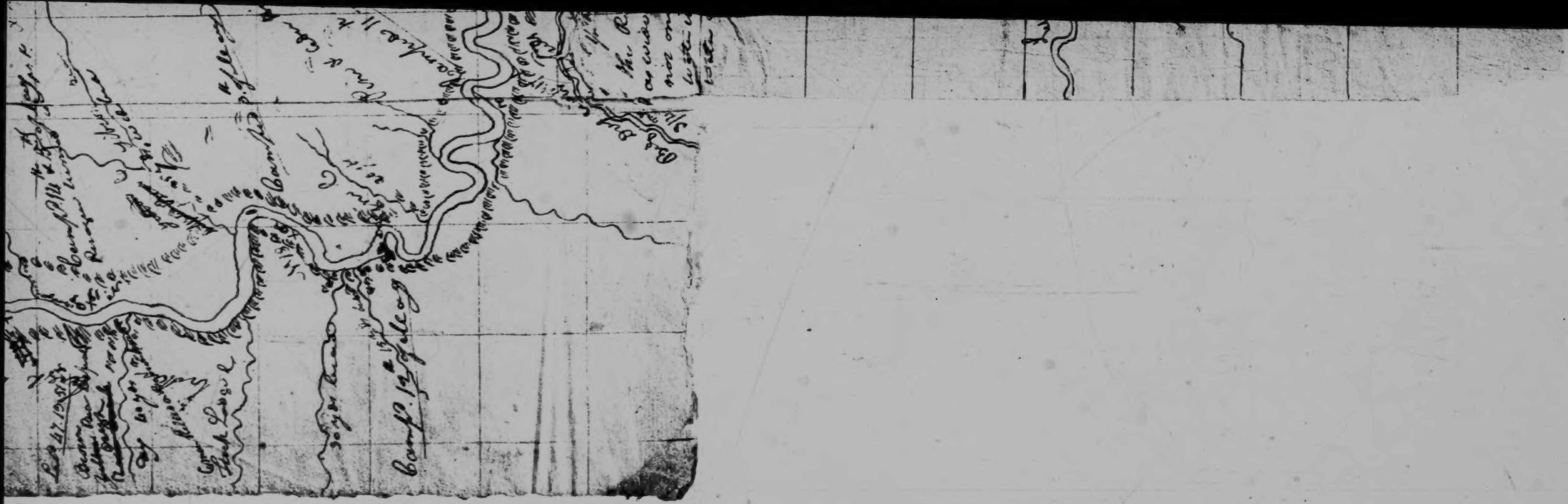

of May
of May
Kid Island
No. 5
Camped 18th of May 1804
No. 5
Dry Creek
40 yards
Camped 17th May
Dry River
Brothers River
90 yards bed
Camped 16th May
Camped 14th & 15th of May
Riviere


No. 4
6 Miles to the Inch
Camped 11th May
Pine & Cedar Hills
Camped 10th of May
Warner's Run
Campd. 9th of May 1805
Lat. 47° 25.33 N.
Campd. 8th of May
Milk R.
Big Dry R.
The R. is nearly as wide as the Missouri not one drop of running water in it, a little white water at the mouth
No water run
The Gulph
Elegant Plain
Camped 7th of May
Lat. 47° 34 11
Camped 6th of May
Little Dry river
wide
Dry Creek
wide
Little Dry Creek
Camped 5th May
White brant band
Island
Camped 4th of May
Indian Fort C.

Camped 27th of May
Camped 26th May
Elk rapid
Camp 25th May
Goodrich's Island
Shell River
Windsor C
30 yds wide
N.E. No. 6
No. 6
Big horn island
Camped 24th May
Creek
South Mountain C
30 yd. wide
North Mountain Creek
90 yd. wide
Camped 23rd of May
Little Dog Creek
a village of barking squirrels

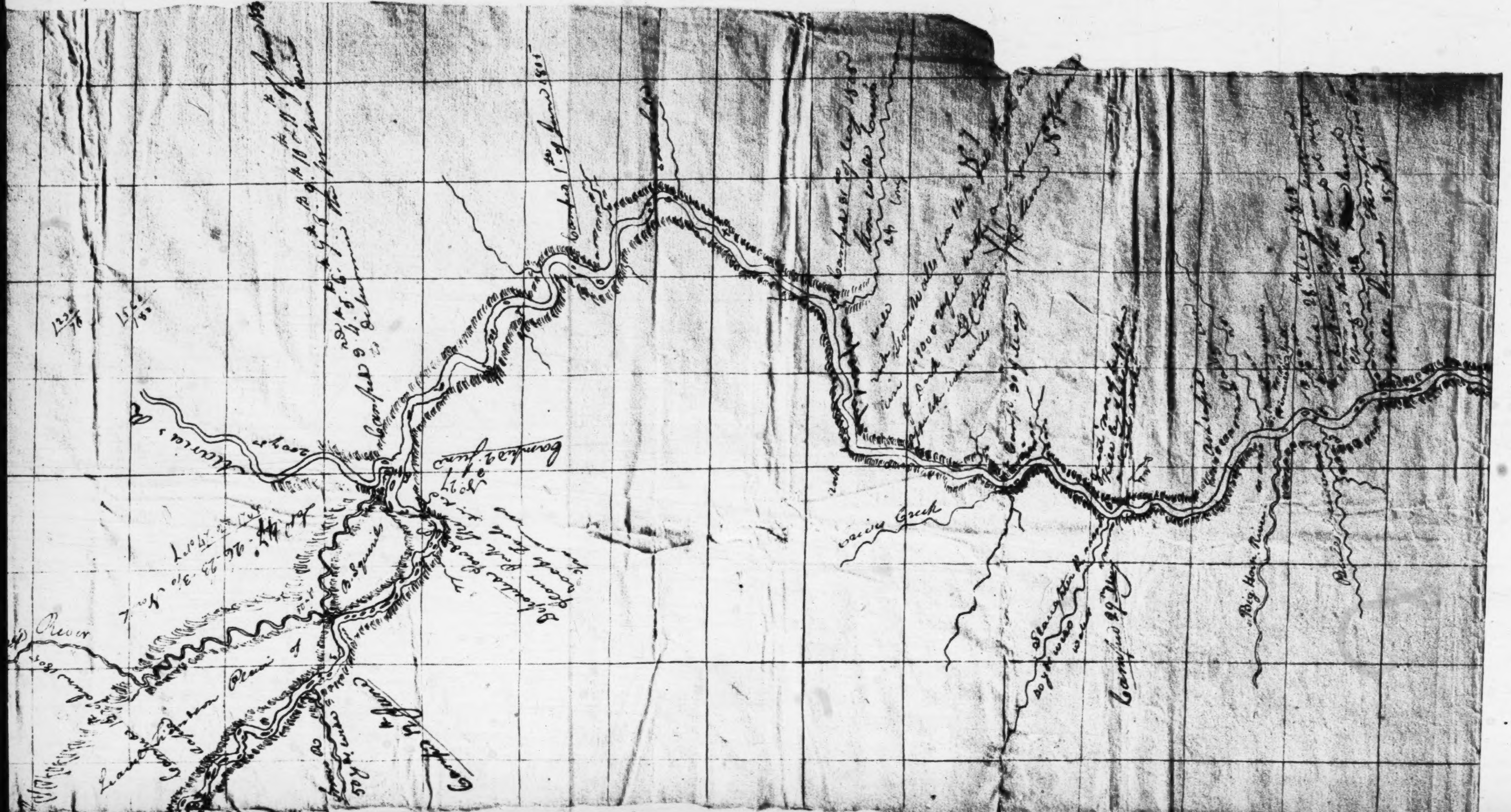


14. Sketch of the Missouri from Fort Mandan
7th April to the 15th J
Part II.

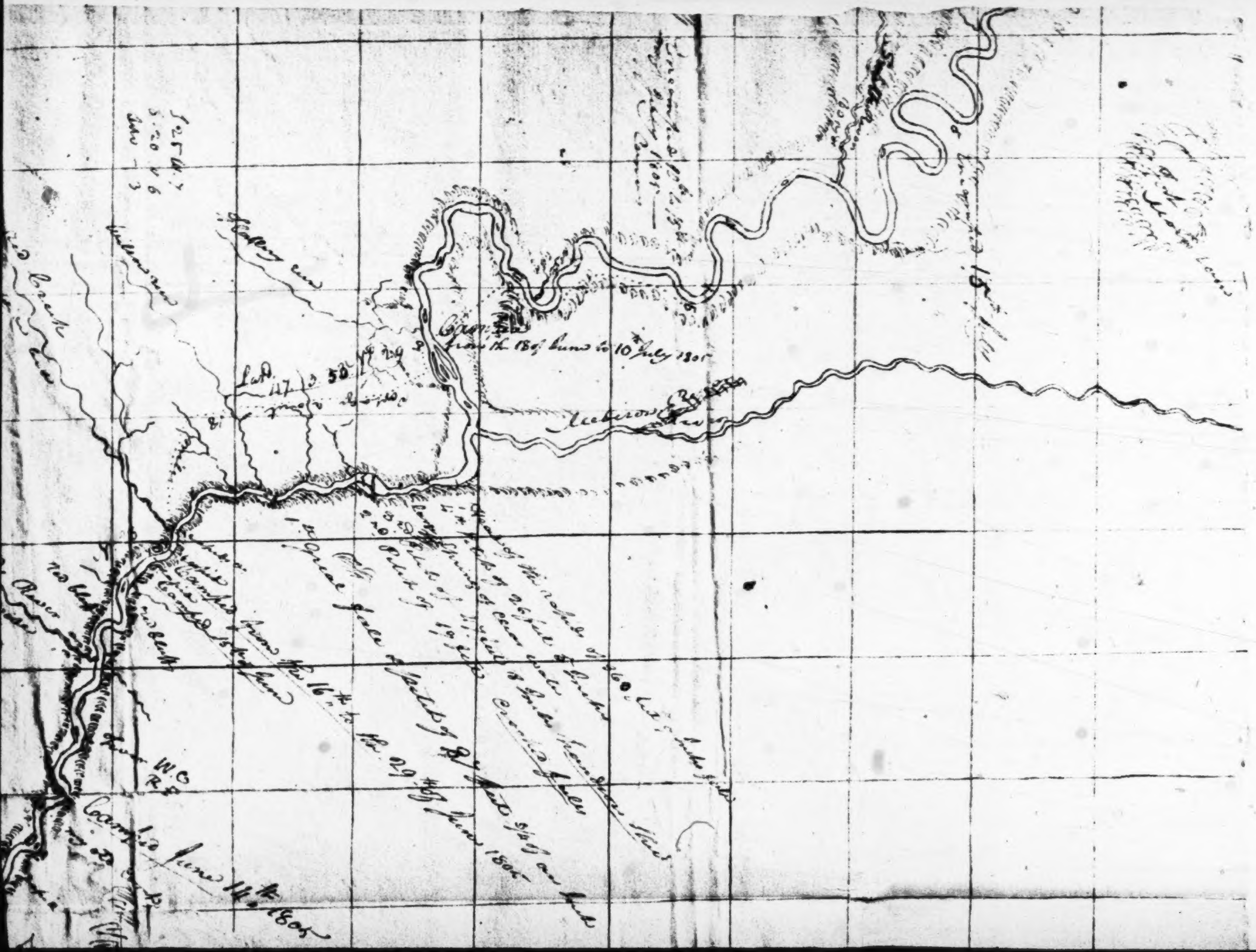


Mandan to the Rocky Mountains.—" From the
he 15th July, 1805."
Part II.

Lansey's Riv



River
Maria's R
No 47
Camped 1st of June 1805
Camped 31 of May 1805
Camped 30 of May
Creek
Slaughter R
Camped 29 May
Big Horn River

Camp from the 18th of June to 10th July 1805
Lat. 47° 3' 50" N
29
8
Medicine River
Camped from the 16th to the 29th of June 1805
Camped June 14th 1805
W.C
R.S
525 W.
5.20 " 6
3

S. 10° W. 30 m
Fort Mandan

14. Sketch of the Missouri from Fort Mandan to the Rocky Mountains.—"From the 7th April to the 15th July, 1805."
Part III.

Course and Distance the 9th of April 1805
the Second Villiage 6 miles [illegible]
the Mouth of Knife River

S. 40° W. 3½ miles to a point on the S.S.
a high Bluff on the L.S. Containing
Strata of Coal & Some parts burning
in which there is pumice Stone
[illegible] about 14 miles to a [illegible]

6 Miles to the Mouth [illegible]

Course Distance & references [illegible]

N. [illegible]° W. 1 Mile on the S. point opposite a [illegible]
North ½ a mile [illegible]
N. 80° E. ½ M. to a low point on the L.S.
N. — ½ m [illegible] Stard. point
N. 18° W. 1 M. to a handsome elivated plain [illegible]
S. 22 E. 1½ M. to a point of willows on the [illegible]
opposite a wintering Camp of the Ricaras
N. 20 W. 2½ [illegible] hills S.S. called Snake [illegible]
the mouth of little Miry Creek L.S.
[illegible] [illegible] opposite on the L.S.
S. 75 W. 4 m. to a pt. opposite a Bluff L.S.
N. 65 W. 3 [illegible] to the upper part of a [illegible]
S. 45 W. 2 m. to a point of woods on Lard. [illegible]
S. 30° W. 1¼ m. to a sand point on Stard. [illegible]
S. 8 W. 4 m. to a pt. of [illegible] on the L.S.
Course Distance

Course Distance & Refs. 10th of April 1805

S. 45° W. 3 m. to a pt. of Tim. on the S.S.
West 3 m. to a pt. of Timber on the L.S. passd. S.S. [illegible]
S. 72° W. 2 m. to Clump of trees on the S.S.
S. 32° W. 4 to a pt. on the S.S. a [illegible]
[illegible] [illegible] a M. on the S. Sde.
N. 40 W. ½ m on the S. Sde.
S. 57° E. 2 M. to a pt. on the S.S.
opposd. a [illegible] Bluff [illegible]
S. [illegible] W. [illegible] to [illegible]
on the S.S. [illegible] a hill a [illegible]
[illegible] which a Small Creek
falls in.

3
3
3½
13¾
18½
19
77¾
6¾
8¾
9 about 2 Mi.

Course Distance the 11th April 1805

N. 65° W. 2 miles to the upper pt. of a Bluff on the L.S.
N. 38° W. 3 miles to a pt. on the L.S. opsd. a [illegible]
S. 30° W. 2 Mile to the upper part of [illegible] on the L.S. a large Sand bar
N. 52° W. 5 miles to the upper part of the timbered bottom on the S.S. the [illegible]
the hills on either Side have been burnt discharge a Coal & [illegible] [illegible] a high [illegible] the [illegible] [illegible] [illegible] [illegible]
N. 70° W. 6 miles to [illegible] on the S.S.
West 1 Miles on the [illegible] point.
19

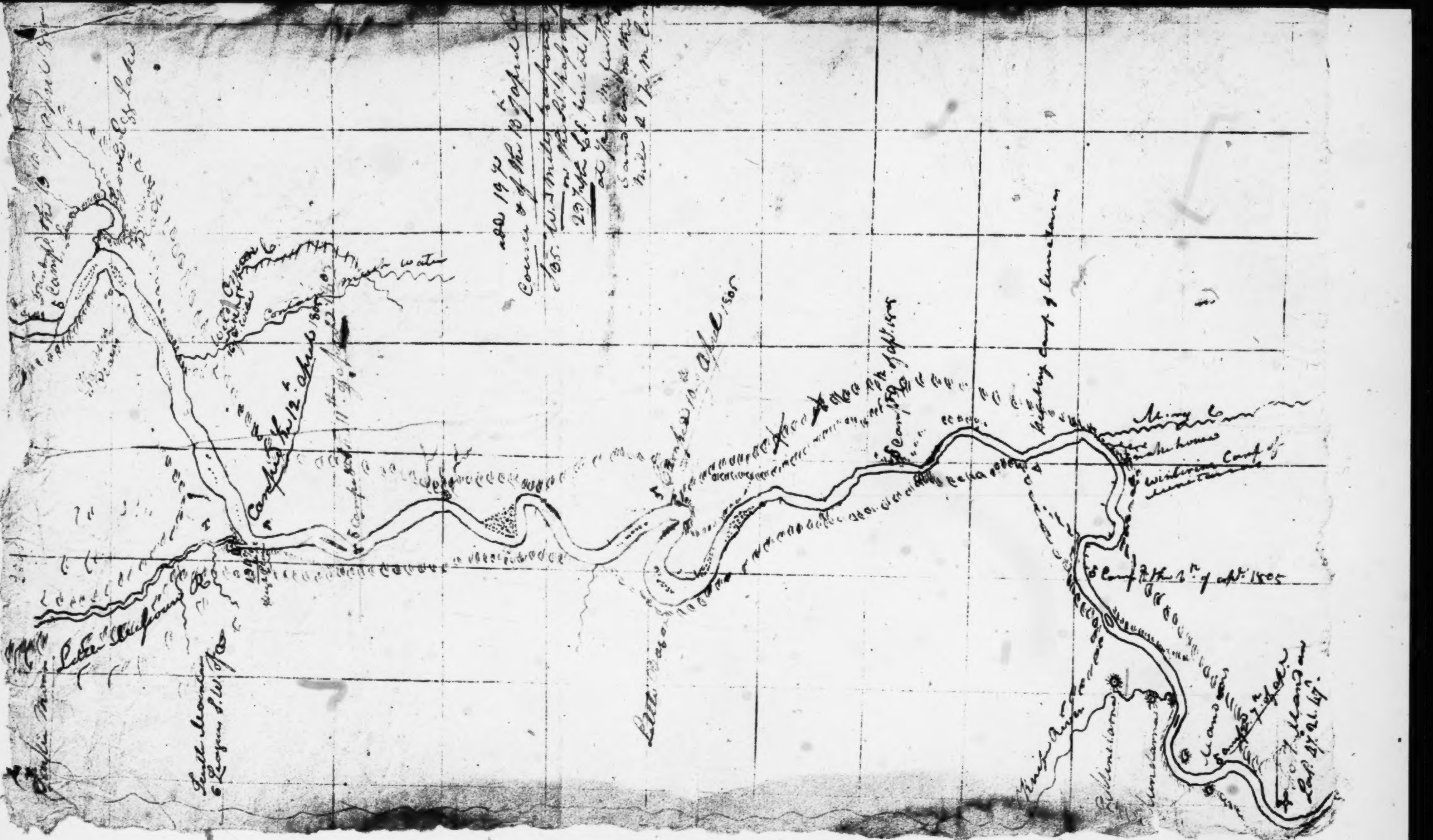
Course Distance & references the 12th of April 1805

S. 80° W. 4½ Miles to the mouth of the little Missouri This river is on the L.S. [illegible] miles up the Missouri it is 134 yards wide at its mouth and [illegible] 2½ feet deep running with a bold current, not navigable [illegible] miles in the [illegible] extremities of the black mountains the [illegible] has the Same tast & appearance of the water of Missouri

Course Distance the 13th April

N. 18° W. 7½ miles to a pt. of wood on the L.S. passd. a pt. on L.S. at 1½ Miles, [illegible]
~~N. 26° W. miles to a pt. on the~~ River nearly a mile wide Shoaley or [illegible]

N. 10 W. 5 Miles from a pt. of Woods on Lard. to the upper pt. of a low bluff on Stard. the pt. of woods was the third seen from our encampment of last night. a Creek falls in on the Stard. about the center of this bluff which is about 1½ mile in length [illegible] 6 [illegible] wide & a [illegible] [illegible] [illegible]
N. 45 W. 4½ to a point of Woodland Lard. mouth of a Creek S.S.
N. 28 W. 3 to a point of wood on the Stard. the river making a considerable bend to the N.E.


Little Missouri R
marsh water
Camp of the 12th April 1805
Camp 10th April 1805
Camp of the 7th of Apl 1805
wintering Camp of Minetarees
Knife River
Minetarees
Mandans
Fort Mandan

15. The Missouri from Fort Mandan to above Goose Egg Lake—the rcute of April 7-13, 1805.

Course Distance &c April 4th 1815

S. 45.° W. 2½ M. to the mouth of a Small Creek at the upper part of a wood bottom in a bend to the L.S.

W. — — 3½ to a point of woodland ~~Sand~~ ~~[illegible]~~ on the Lard side

N. 85. W. 2 to a point Stard side opposite a bluff

N. 80. W. 1¾ to a point Stard passing a bluff on Lard —

— 1 M. to a small Island, lower point of. the river washes the base of the hills on both sides of this Island which we call Sunday Island from the circumstance of our arriving at it on that day of the week. —

N. 70. W. 3¼ — to a point of woodland on S. S. [illegible] to the Island the Island and it's sand bar occupying 1¾ of this distance passed a run & Small Creek above the Island

Cours Distance &c April 13th 1805

North 2 miles to a pt. of wood on the L. S. opposite a high hill on S. S.

N. 18° W. 5 Miles to a pt. of wood on S. S. opposite the lower [illegible] ~~[illegible]~~ a bluff below L. S.

N. 20 E ¾ [illegible] opposite the high bluff on the S. S. passed the upper pt. of the island at ~~[illegible]~~ S.d. opposite

~~From a point of woodland [illegible] place we breakfasted.~~

N. 1 Mile to a Point of wood land on the Lard. Side

N. 30. E. 2½ M. to a point of Woodland on L.S.

N. 10. W. ½ mile along the Sand Point. —

N. 15. W. ¼ do do do do —

N. 12 W. 1½ Miles to the point of a bluff S. Si. 1 Mile below which a large creek falls in on S.S.

N. 50 W. 2 Mile to a high bluff point S.S.

N. 75 W. 3 Miles to a point of Woodland S.S.

W. 2¾ Mile to a Sand point wood on Lard. side

23

Courses Distances &c Apl. 16th 1805

S. 6. W. 3 M. to a point of woodland Stard. Sd. ~~opposite to a bluff on Lard.~~

S. 36. W. 2½ M. to a point of Woodland Lard. Sd.

S. 60. W. 8½ M. to a point of Wood. Stard. Si. opposite to a bluff [illegible] commencing 1 Mile below it. —

N. 25. W. 2½ Miles to a point of woodland L. Side

S. 70. W. 4½ Miles to a Sd. point of woodland passing a large sand bar on Lard. Side

S. 70. W. 1½ to a point of woodland on Lard side passing a large sand bar S.d. the bending to the S.

S 65. W. ½ m along the said point of woodland

Miles 18

Course Distance &c April 17th 1805.

S. 70. W. ~~[illegible]~~ 3 Miles to a willow on Stard side —

S 75. W. ½ M. to a point on St. side of

N. 75 W. 3 Miles ~~to~~ to a wood in a bend

N. 50 W. 3½ Miles to a point of woodland

S. 65. W. ¾ of a Mile to a point of woodland to a bluff on Lard side above which a creek falls Lard. about 10 yards wide

N. 80. W. 3¼ to a willow point on Lard

S. 85. W. 3¾ M. ~~[illegible] Lard~~ point of opposite to a bluff on Std. passing a creek on Stard

W. — — 1 M. along the Lard. point of Wood a high bluff on Stard which a small creek discharges

S. 40. W. 1. along on the same point of Woodland

S. 30. W. ¼ Miles along the Lard point to a

S. 14. W. 4. Miles to the upper point of timber on Stard side

S. 28. W. 2 ml. to a point on Lard. we encamped for the

26 Miles.

(G[illegible])

Course Distance &. Apl. 14th

South. 3 M. to a Sand point

N. 75° W. 2½ M to a wood point Ld. Side.

N. 85° W. ½ M. along the Sand

E. 2 M. to Sand point S.

S. 60 W. 1. Mile to a point of willow

S. 65. W. ½ Mile along the Sd. point point of Timbered land opposite to a bluff on La

N. 25. W. 2 M. ~~[illegible]~~ to ~~point~~ a copse of woo the bend on Stard side

S 50 W 1½ miles to a point wood on where we encamped for the night

13.

Course Distance & the [illegible]

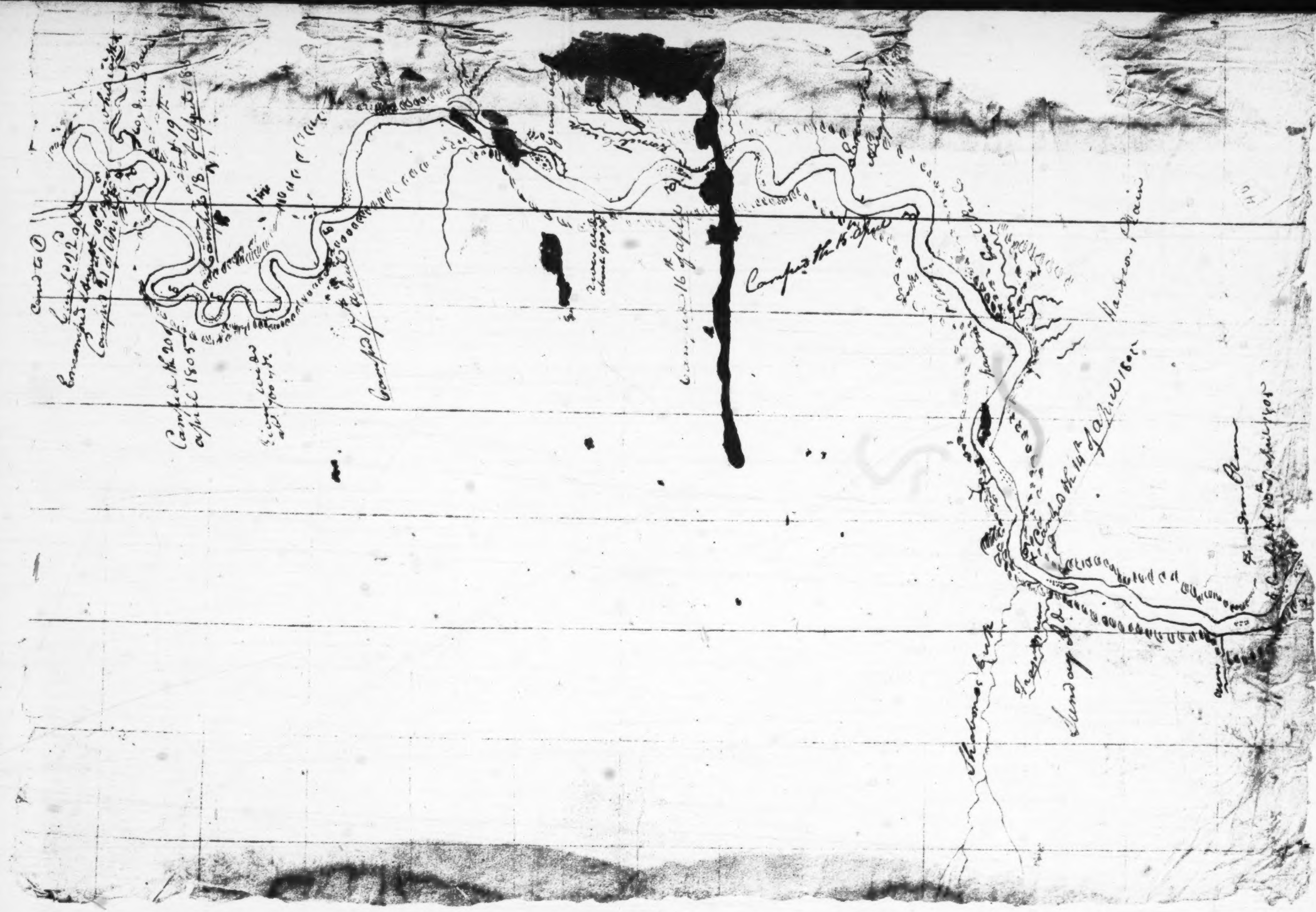
South 1 Mile to a Bluff on the L.S. at the upper ~~front~~ part of a timbered bottom

West 1½ Mi. to a timbered point on the S.S. passing over a sand bar L.S.

N. 45° W. 1½ Ms to a Stake in a bend

S 45° W 2 mi to a pt. [illegible] L.S.

[illegible]


Camped the 20th of April 1805
Camped the 16th of April
Camped the 15th April
Camped the 14th of April 1805
Camped 18th of April
Encamped August 10th
Shabonos Creek
Sunday Is.
Mandan Plain

16. The Missouri from Goose Creek to White Earth River—the route of April 14-22, 1805.

Courses and Distances 21st April

miles
S. E 1½ to a sand point Stard. Side. opposite to a bluff Land. —
S. W. ½ to a point of high timber on S.S. opposite to a bluff —
S. 40 W. 2½ to a willow point on Lard. side opposite to a bluff on Star.
N. 60 W. [illegible] to a point of woodland S.d side opposite to a cliff just below which on the Lard. side a creek falls in tho' ~~passing~~ discharging no water at present —
N. 25 E. 2 Miles to a point of woodland Lard. side opposite to a high bluff on St. S.
N. 16. W. 2 to the upper part of a Bluff on L.S. in a bend to S.S.
S. [illegible] W. 3 miles to the upper part of the timber bottom at a bluff on L.S.
miles 16 ½ Pass'd a pt. on the L.S.

Course & Distance 22d. apl.

N. 60° W. 1 mile to a pt. of wood land on the L.S.
West 1 along the L. point of wood
S. 70° W. 1 Md. to the lower part of a bluff on the S. Side. in a bend
S. 20° W. 2 miles to the upper part of the bluff in the S. bend
S. 60 W. 1 M. to a wood in the bend on the S.S.
S. 36 E. 2 M. to the pt. of willows on the S.S.
N. 65° E. 1½ M. to an object in the bend on the L.S. Saw many beaver
miles 11

Course & Distance 23d apl.

S. 2[illegible]° E. 2½ M. to a pt. of timbered land on the S. Side
South 1½ M. on the S. pt. of wood a large Bluff opposit
S. 78. W. 4 M. to the upper part of a Copse of wood in a bend to the S.S.
S. 14 E. 4½ to a point of high timber in a Lard. bend ~~[illegible]~~
N. 25. W. 1½ to a point of timbered land on Lard. side in a bend to Lard.
Miles to a point of woodland S.d two miles from the commencement of the course encamped on Stard side

Course & Distance the 25th of Ap[illegible]

N. 68° W. 2½ miles to a point on [illegible] L. Side of wood land
West 1¾ to a tree in a bend to [illegible]
South 1½ M. to a low bluff S. S. in a [illegible]
East 2½ mile to a Pt. of timber [illegible] St. Side wind blew hard [illegible]
S. 28° E 3¼ md. on the S. Side opposit a bluff [illegible]
S. 20° W. 1 M. on the S. Side (Capt. Lewis [illegible]
N. 65° W. 3 M. to the upper part of the [illegible] in a bend to the St. Side
S. 72° W. 2¾ M. to the lower part of [illegible] timber in a bend to [illegible]
14

Course and Distance 26th [illegible]

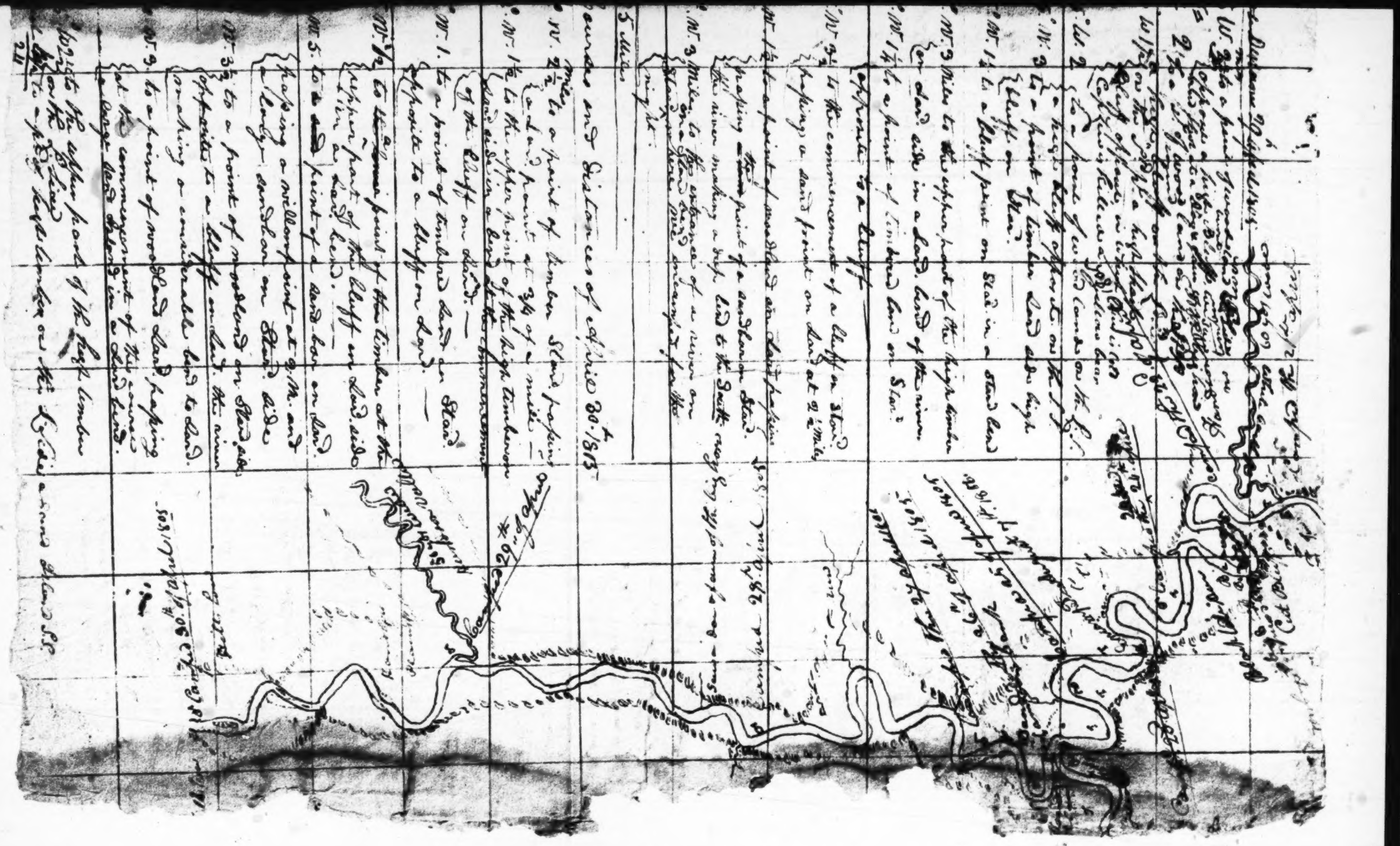
S. 45° E 2½ Md. to a pt. of wood [illegible] on the Starboard Si[illegible]
S. 40° W 1½ Md. on the S.d pt. opst. a bluff
N. [illegible]° W. 3 miles to a ~~willow point~~ commencement of the [illegible] on St. Side, ~~making [illegible]~~
South 1 mile to the junction of the Rochejone & Missouri Rivers
8

Course Distance a 27th of April

S. 9° E ½ m. to a plain [illegible] on the L. S. [illegible] 260 yds from the yellow stone [illegible]
West 1 mile to the lower part of a timber in a bend to the L. Side
N. 32° W. 3 miles along a wood to the point on the L.d Side opst. a beautifule plain
West 3 miles to a point on the S[illegible] Camped at 1 Md. on the [illegible]
8

Course Distance &c. 28th april

North 2¼ Mile to timbered Point on the [illegible]
N. 40° W. 1 Md. on the L. point of wood opposite a high bluff S[illegible]
S. 56° W. 2¾ miles to a Bluff point on the L. Side opsit a point of woo[illegible]
[illegible]° W. 1 Mile to the Center of a bend on [illegible]
N. 25.° W 3. Miles to a point of timber Land [illegible] passing a point on St.d at 1½ mile
N. 18 W. 2 Miles to the lower point of the timber in a bend on Stard. Side. —
S 4° W 4 Miles to a point of woodland on Stard.
S 10. W. 2 to a high bluff point on Lard. the river making a considerable bend to S.E.
N. 80 W. 2½ Miles to a point of woodland Lard.
N. 45 W 1. Mile to a high bluff point on Star[illegible]
S. 80° W 3 Miles to a point of woods on St. Si[illegible]
24



17. The Missouri from White Earth River to twenty miles above Martha's River, showing the mouth of the Yellowstone—the route of April 22-30, 1805.

Course & Distance 1st of May 1805

N. 88°. W. 1¼ over to the upper point of some high timber in the bend to the Std. side
S. — W. 2¼ to the upper point of timber on Lard. Side
S. 26. W. 1½ to a Bluff on the Lard. Side —
S. [illegible]. W. 1. to a single tree on a point Stard. side
[illegible] — 2¼ to a point of woodland Lard. side.
S. [illegible] W. 2. to a wood at the upper part of an [illegible] bottom on the Std. side in a bend one mile short of which we came too on the Lard. side in consequence of the wind and encamped for the night
10

Courses & Distances 2d of May 1805

S. [illegible]. E. 2 M. to the upper point of the timber on Lard. side in a bend, passing a point of timbered land on Lard. at ¼ of a mile. —
[illegible] E. ½. to a point of woodland on Stard.
S. 80. W. 2. to a point of low timber on Lard. a little above which on the Stard. side we encamped for the night. —
4½

Courses and distances 3rd of May 1805.

[illegible] 50°. W. ¾ Miles to a point high timber on Stard. in a Stard. bend.
[illegible] 65. W. 2¼ to a point of high timber ~~woodland~~ on Lard. side —— in a bend.
[illegible] W. 1. to a point of woodland Stard. side
[illegible] W. 2½ to some [illegible] timber in a Stard. bend
[illegible] — 3. to the upper point of the timber on Lard. side in a bend. —
[illegible] W. ½ Miles to a point of woodland Stard.
[illegible] W. 1¼ to the commencement of the timber on Lard. side in a bend.
[illegible] — 1½ to the upper part of the high timber in the bend on Stard. side; passing a Stard point at ½ a mile. —
[illegible] W. ½ to a point of woodland Lard.
[illegible] W. 1¾ to a point of woodland Stard. side at which a considerable river falls in on Stard
[illegible] W. 3. to a point of high timber on the Lard. side. about half a mile above which on the Stard side we incamped for the night. one mile from the commencement of this cours in a Lard bend a large creek falls in on Stard side
18
N. 80° W. ½ mile to a [illegible] on the Std. Side [illegible]

Course & Distance 4th of May

S. 30° W. 3 miles to a point of timber
S. 72° W. 5 miles to a Std. wood on the S River wide & crowded with
S. 50. W. 1½ to the entrance of a Cre Lard. ~~which passes~~ side abou center of a deep bend
N. 10. W. 3 to a point of woodland [illegible] a Stard. point at the
S. 45. W. 4. to a willow point on Star The river makes a conside arround the Lard. point to the ~~at the commencement~~
S. 70. W. 1½ to a point of timbered la on Stard. side — in which we encamped for the night

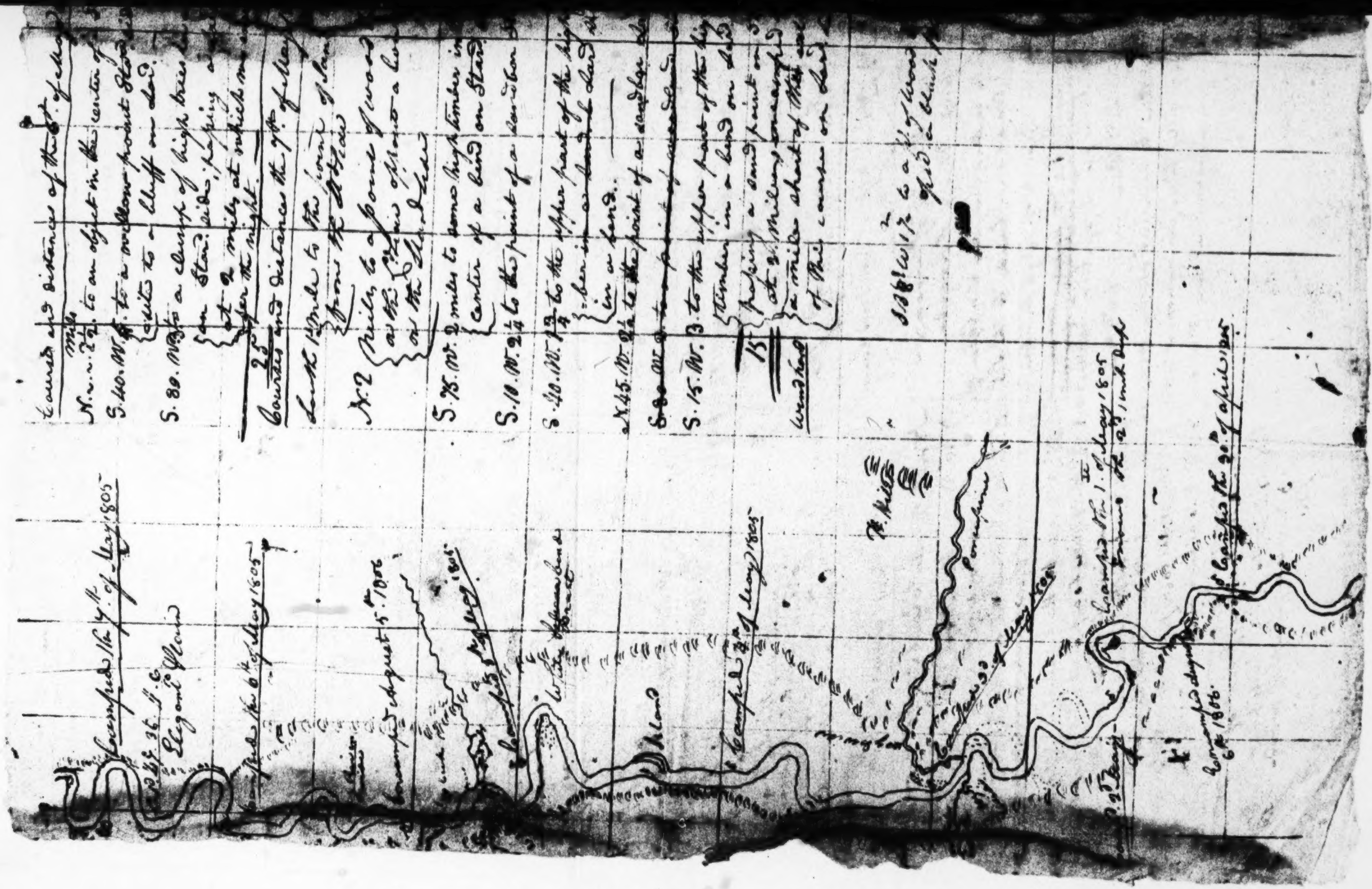
18. Miles.

Course Distance the 5th of May 18

S. 70° W. 3 miles to the willows on the point of an Island the Stard point opposite
S. 72° W. 2½ to some high timber Projected point in a bend Std side opposite a pass the head of the
S. 30. W. 2¼ to a point of wood side; opposite to a bluff
N. 48. W. 2¼ to a point of woodlan
~~N. [illegible] W. [illegible] the bend~~
N. 45. W. 1¾ to the point of a on Lard. side —
S. — — 5. to a willow poi one mile short of Stard. side encamp
16½

Courses and distances the

S. 30° W. 1½ miles on the Std. Point opposite the
N. 45° W. 1½ m. to a point [illegible] a large sand bar
S. 40° W. 3 miles to a point of on the St. Side
S. 55. W. 3. to a point of woo
S. 78. W. 2½ to a point of wood passing a large creek on a [illegible] but little water creek at present. —
S. 55. W. 2. M. to a point of wood the river making a deep b N. W. —
S. 50. W. 1½ to a point of wood opposite a bluff on Lard. si
S. 60. W. ¾ to the mouth of a large on Lard. side; bed 200 yards no water running in it an
15


Courses and distances of the 5th of May
Courses and distances the 9th of May
Camped the 1st of May 1805
Camped the 6th of May 1805
Camped 4th of May 1805
Camped 30th of April 1805
Camped August 5th 1806
Porcupine
Hills
Island

18. The Missouri from Martha's River to just below Milk River—the route of April 30—May 7, 1805.

Course Distance the 12th of May 1805

S.45° W. 1 Mile to the point of high woods on the Stard. Side passed a high bluff on the Ld. above which a creek of 20 yds. wide falls in on Stard. side

S. 70° W 2½ to a point of Cotton wood on the Lard. Side

S. 30° W ½ to the point high cotton wood on the Lard Side opposit a low bluff

S. 22° E. 2½ to a White [illegible] in a bend to the Lard.

S. 40° W. 1½ to the point on the Stard. Side opposit a high bluff

S. 60° W. 2½ to the upper part of a timber on the Std. in a bend

S. 40° W. 1¾ to a point of woodland on Lard. side opposite to which pine Creek 20 yd. wide falls in on Stard. side

S. 10. W. 1½ to a willow point Stard.

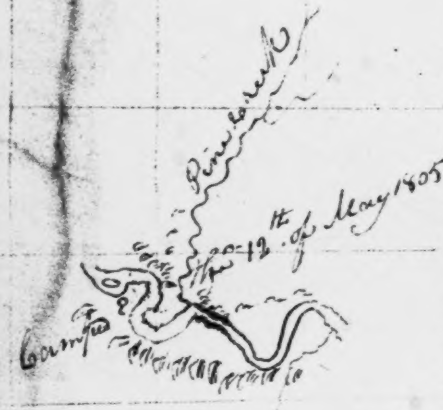
S. 15° W. 1 on the Stard. Point a Bluff opposit

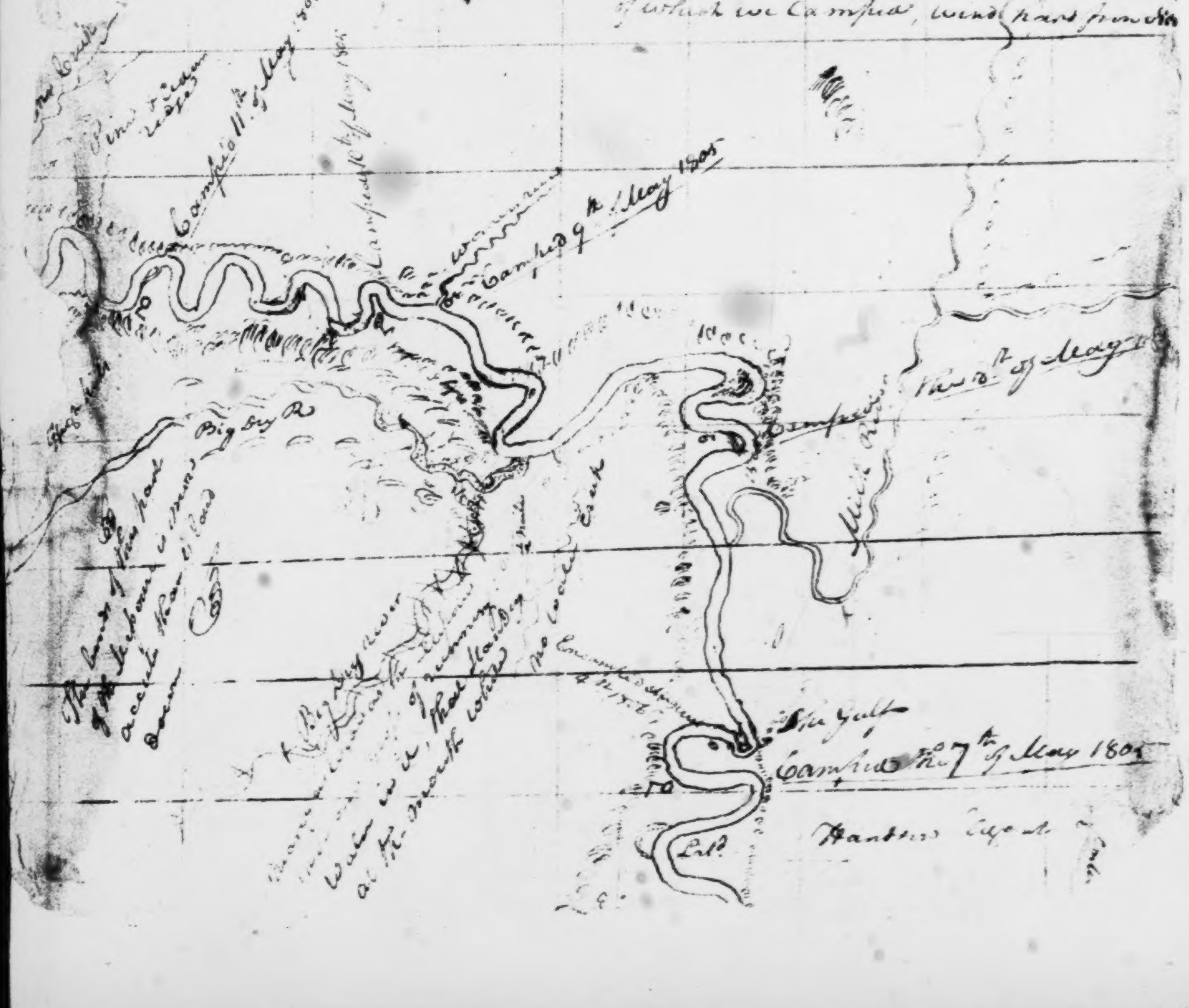
N. 84. W. 1½ to some timber in the center of a Std. bend

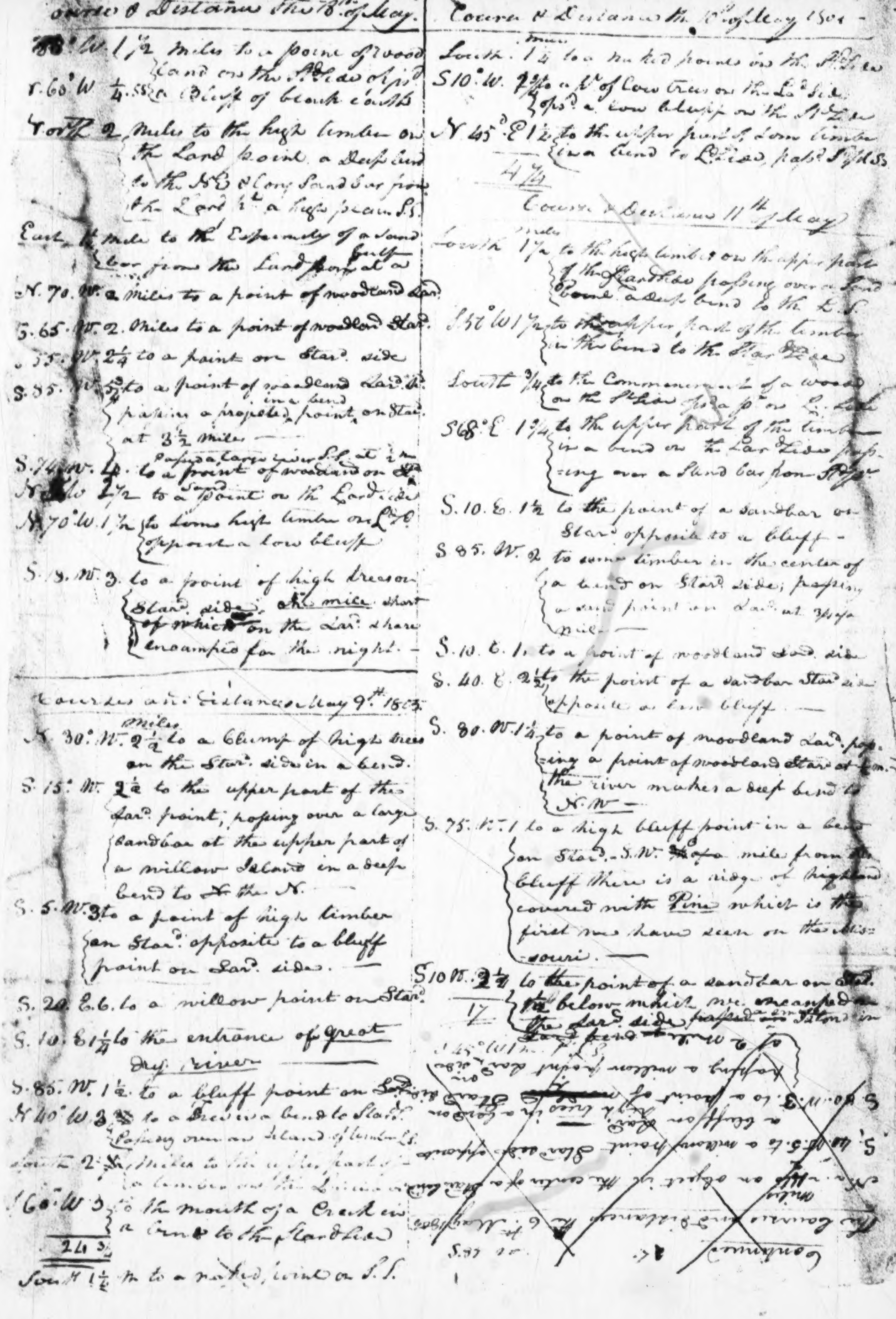
S. 15. W. 1. to a point of woodland on Lard. side

S. 10. W. 2 to a point of woodland Stard. opposite to a high bluff, the river making a deep bend to S.E. in which there is a small willow Island. at the lower point of which we Camped, wind hard from NW

18½


Pine creek
the 12th of May 1805
Camped


Pine Creek
Camped 11th of May 1805
Camped 10th of May 1805
Camped 9th of May 1805
Big dry R
Big dry river
no wood
Creek
the 8th of May
Camped
Milk River
The Gulf
Camped the 7th of May 1805
Lit.



Courses & Distance the 8th of May 1805.

N. 88° W. 1 1/2 Miles to a point of wood land on the Std. side opsd.
N. 60° W 1/4 to a Bluff of black earth
North 2 Miles to the high timber on the Lard. point. a deep bend to the N.E. & long sand bar from the Lard. & a high plain S.S.
East 1/4 mile to the Extremity of a sand bar from the Lard. point at a gully
N. 70. W. 2 Miles to a point of woodland Lard.
S. 65. W. 2. Miles to a point of woodland Star.
S. 35. W. 2 1/4 to a point on Stard. side
S. 55. W. 5 3/4 to a point of woodland Lard. in a bend passing a projected point on Star. at 3 1/2 miles —
S. 74 W. 4. to a point of woodland on Std. passed a large river S.S. at 2 m
N. 80 W. 2 1/2 to a sand point on the Lard. side
N. 70° W. 1 1/2 to some high timber on L.S. opposit a low bluff
S. 8. W. 3. to a point of high trees on Stard. side. the mile short of which on the Lard. shore encamped for the night. —

Courses and distances May 9th 1805.

N. 30° W. 2 1/2 miles to a Clump of high trees on the Star. side in a bend.
S. 15° W. 2 1/2 to the upper part of the Lard. point; passing over a large sandbar at the upper part of a willow Island in a deep bend to ~~N~~ the N. —
S. 5. W. 3 to a point of high timber on Star. opposite to a bluff point on Lard. side. —
S. 20. E. 6. to a willow point on Star.
S. 10. E 1 1/4 to the entrance of Great Dry river —
S. 85. W. 1 1/2 to a bluff point on Lard. side
N 40° W. 3 3/4 to a tree in a bend to Stard. Passing over an Island of timber L.S.
South 2 1/4 Miles to the upper part of the timber on the Lard. [illegible]
S 60° W 3 to the mouth of a Creek in a bend to the Starboard
24 3/4
South 1 1/2 m to a naked point on S.S.

Course & Distance the 10th of May 1805 —

South. 1 1/4 miles to a naked point on the Std. Side
S 10° W. 2 3/4 to a pt. of low trees on the Ld. Side. opsd. a low bluff on the Std. Side
N. 45° E 1 1/2 to the upper part of some timber in a bend to Lard. Side, passd. S.pt. S.S.
4 3/4

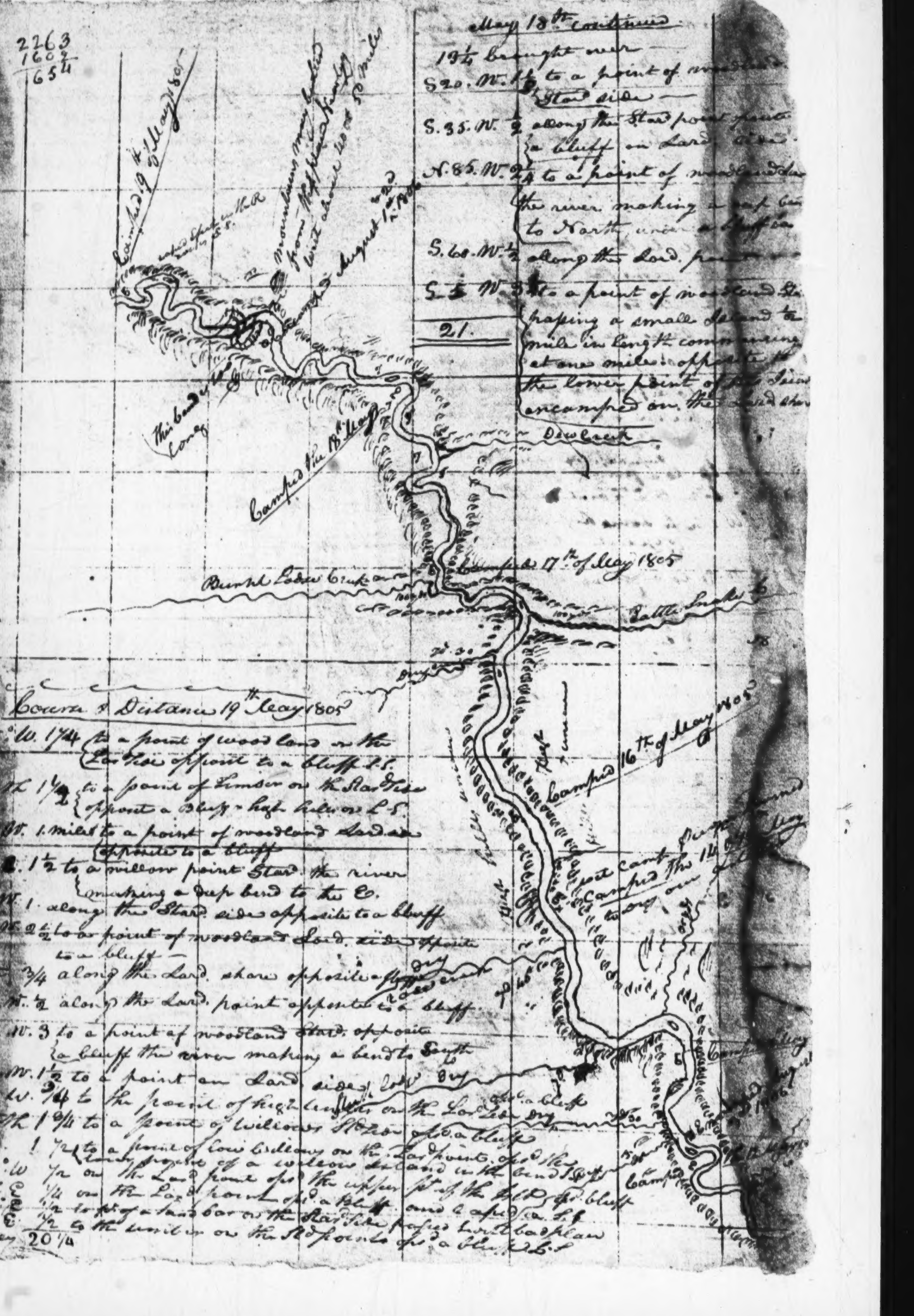
Course & Distance 11th of May

South 1 1/2 miles to the high timber on the upper part of the Lardside passing over a Sand bar, a deep bend to the L.S.
S 52° W 1 1/2 to the upper part of the timber in the bend to the Star Side
South 3/4 to the Commencement of a wood on the Std. side opsd. a pt. on L. Side
S 68° E 1 3/4 to the upper part of the timber in a bend on the Lar Side passing over a Sand bar from St. Side
S. 10. E. 1 1/2 to the point of a sandbar on Star. opposite to a bluff —
S 85. W. 2 to some timber in the center of a bend on Star. side; passing a sand point on Lard. at 3/4 of a mile —
S. 10. E. 1. to a point of woodland Lard. side
S. 40. E. 2 1/2 to the point of a sandbar Star. side opposite a low bluff. —
S. 80. W. 1 1/4 to a point of woodland Lard. passing a point of woodland Star. at 1/2 m. the river makes a deep bend to N.W. —
S. 75. W. 1 to a high bluff point in a bend on Star. — S.W. 1/2 of a mile from the bluff there is a ridge of high land covered with Pine which is the first we have seen on the Missouri. —
S 10 W. 2 1/2 to the point of a sandbar on Stard. the below which we encamped on the Lard. side passed an Island in Lard. bend
17

~~Continued 15~~
~~The Courses and Distances the 6th of May 1805~~
~~N. [illegible] miles on object in the center of a [illegible]~~
~~S. 40 W. 5. to a willow point Star'd side opposite a bluff on Lard. high trees in a bend on Star'd side~~
~~S. 60. W. 3. to a point of [illegible] passing a willow point Lard. side~~
~~S. 45 W 1 1/2 m. L.S.~~

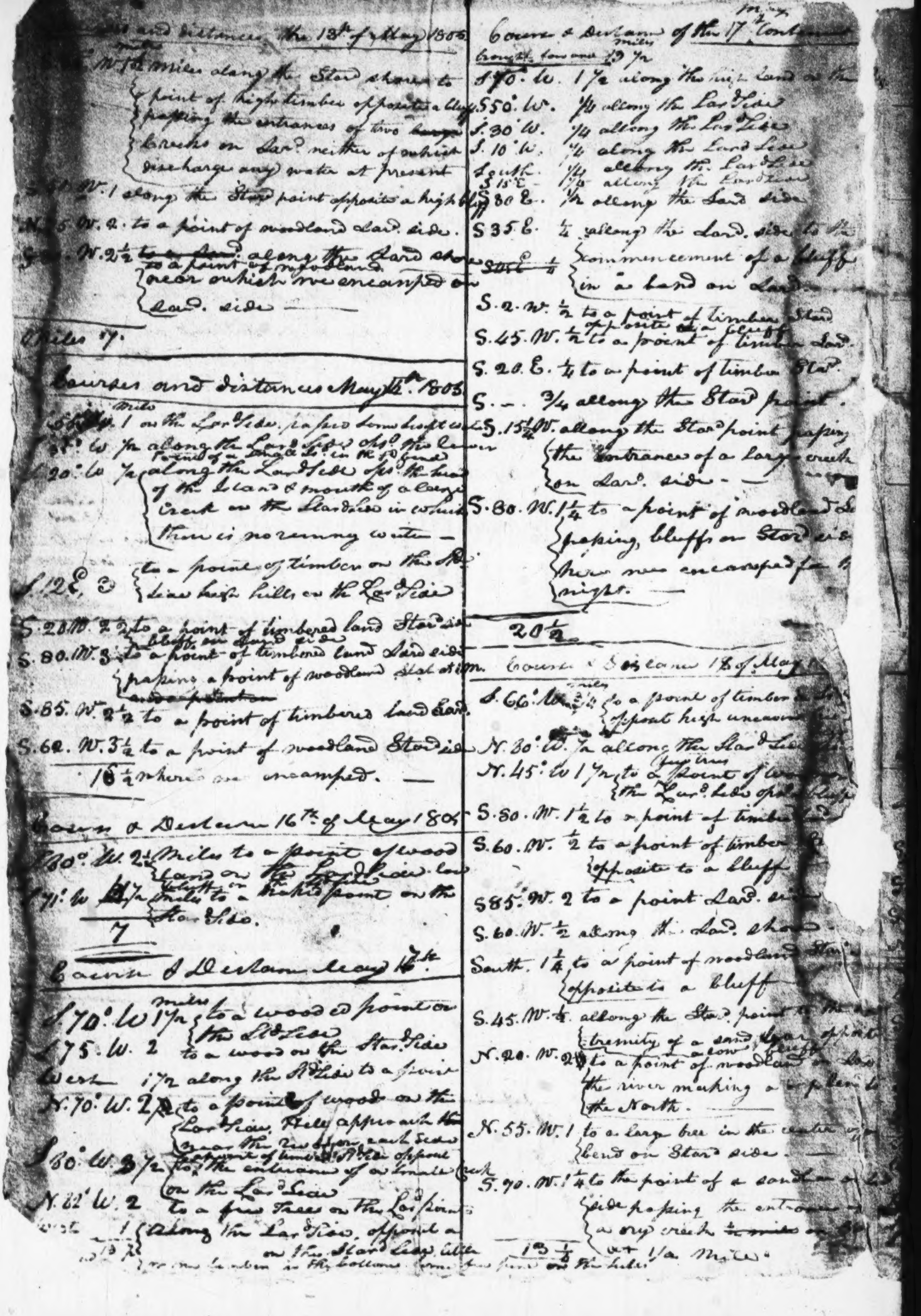
19. The Missouri from below Milk River to Pine Creek—the route of May 8-12, 1805.

2263
1609
654


Camped 19th of May 1805
[illegible] Spring on the R. side
Mountains may be seen from the high lands South West about 40 or 50 miles
Camped August 1st 1806 & 2d
This bend 1 M. Long
Camped the 18th May
Dew Creek
Burnt Lodge Creek
100 yds
Camped 17th of May 1805
Rattle Snake C
100 yds
W. 30
Dry
Camped 16th of May 1805
Camped the 14th of May
Dry
Dry
Camped
Camped

May 18th continued
13¼ brought over
S.20.W. 1½ to a point of woodland on the Stard side —
S.35.W. ½ along the Stard point opposite a bluff on Lard side.
N.85.W. 2¼ to a point of woodland Lard the river making a deep bend to North under a bluff
S.60.W. ½ along the Lard. point
S.5 W. 3 to a point of woodland Stard passing a small Island ½ mile in length commencing at one mile: opposite the lower point of the Island encamped on the Lard shore
21.

Course & Distance 19th May 1805
S. 5° W. 1¼ to a point of wood land on the Lar side opposit to a bluff S.S.
South 1½ to a point of timber on the Star side opposit a bluff & high hills on L.S.
S. W. 1 miles to a point of woodland Lard side opposite to a bluff
S. E. 1½ to a willow point Stard. the river making a deep bend to the E.
S. W. 1 along the Stard. side opposite to a bluff
N. W. 2½ to a point of woodland Lard. side opposite to a bluff —
3/4 along the Lard. shore opposite a bluff
S. 0 W. ½ along the Lard. point opposite to a bluff.
S. 45. W. 3 to a point of woodland Stard. opposite a bluff the river making a bend to South
S.20 W. 1½ to a point on Lard. side, low
S.45 W. ¾ to the point of high bluffs on the Lard side
South 1¾ to a point of willows Std side opsd. a bluff
1 ½ to a point of low willows on the Lard point. opsd the lower point of a willow Island in the bend S.S.
S. ° W ½ on the Lard point opsd the upper pt of the Isld opsd bluff
S. ° E ¼ on the Lard point opsd a bluff and a opsd a L.S.
S.15° E ½ to pt of a sand bar on the Star side passed two bad places
S. ° E ½ to the willows on the Std points opsd a bluff L.S.
miles 20¼



and distances the 13th of May 1805

W. 1½ miles along the Stard shore to a point of high timber opposite a bluff passing the entrances of two ~~large~~ creeks on Lard. neither of which discharge any water at present
S. [illegible] W. 1 along the Stard point opposite a high bluff
N. 5 W. 2. to a point of woodland Lard. side.
S. [illegible] W. 2½ ~~to a bend~~ to a point of woodland along the Stard shore near which we encamped on Lard. side —

Miles 7.

Courses and distances May 14th 1805

S. [illegible] W. 1 mile on the Lard Side, passed some bluffs
S. [illegible]° W ½ along the Lard Side opst. the lower point of a small island in the Std bend
S. 20° W ½ along the Lard Side opst. the head of the Island & mouth of a large creek on the Stard side in which there is no running water —
S. 12 E. 3 to a point of timber on the Std side high hills on the Lard Side
S. 20 W. 2½ to a point of timbered land Stard side bluffs on Lard side
S. 80. W. 3 to a point of timbered land Lard side passing a point of woodland Stad. at 1 m. ~~and a prairie~~
S. 85. W. 2½ to a point of timbered land Lard.
S. 62. W. 3½ to a point of woodland Stard side
16½ where we encamped. —

Course & Distance 16th of May 1805

S. 80° W. 2½ Miles to a point of wood land on the Lard Side. low bluffs on the Stard Side
S. 71° W 4½ miles to a snake point on the Star. Side.
7

Course & Distance May 17th.

S. 70° W 1½ miles to a wooded point on the Ld Side
S. 75 W. 2 to a wood on the Star. Side
West 1½ along the Std Side to a point
N. 70° W. 2½ to a point of wood on the Lar Side. Hills approach near the river on each side
S. 80° W. 3½ to a point of timber Std. side opposit the entrance of a small creek on the Lard Side
N. 82° W. 2 to a few Trees on the Lard point
West 1 along the Lar Side, opposit a on the Star side little or no timber in the bottoms. some few pines on the hills.

Course & Distance of the 17th May Continued
brought forward 13½ miles
S. 70 W. 1½ along the high land on the
S. 50° W. ¼ along the Lard Side
S. 30° W. ¼ along the Lard Side
S. 10° W. ¼ along the Lard Side
South. ¼ along the Lard Side
S. 15° E. ⅛ along the Lard Side
S. 80 E. ½ along the Lard side
S. 35 E. ¼ along the Lard. side to the commencement of a bluff in a bend on Lard.
~~South~~ ¼
S. 2. W. ½ to a point of timber Stard
S. 45. W. ½ to a point of timber Lard. opposite a bluff
S. 20. E. ¼ to a point of timber Star.
S. — ¾ along the Stard point.
S. 15½ W. along the Stard point passing the entrance of a large creek on Lard. side —
S. 80. W. 1¼ to a point of woodland passing bluffs on Stard side here we encamped for the night. —
20½

Course & Distance 18th of May

S. 66° W. ¾ miles to a point of timber opposit high uneven
N. 30° W. ½ along the Stard Side
N. 45° W 1½ to a point of timber passing the Lard. Side opposite bluffs
S. 80. W. 1½ to a point of timber
S. 60. W. ½ to a point of timber opposite to a bluff
S 85° W. 2 to a point Lard. side
S. 60. W. ½ along the Lard. shore
South. 1¼ to a point of woodland Stard opposite is a bluff
S. 45. W. ½. along the Stard point to the extremity of a sand bar opposite a low bluff
N. 20. W. 2½ to a point of woodland on Lard the river making a to the North.
N. 55. W. 1 to a large tree in the center of a bend on Stard side. —
S. 90. W. 1¼ to the point of a sandbar on Lard side passing the entrance of a dry creek ~~½ miles~~ on at ½ a Mile.
13½

20. The Missouri from Pine Creek to just below Musselshell River—the route of May 13-19, 1805, with indications of return camps in August, 1806.

Course and distance May 23rd continued

brought over 17½ Miles

to a point of timbered land Stard.

to a point of timbered land Lard. passing a small Island in a deep bend to the N. bluff on Stard. opposite the Island.

S. 65 W. to a point of woodland Stard. opposite to a bluff.

N. 75 W. to the upper part of a bluff in a bend on Lard. side

N. 30 W. to the upper point of a small island in a deep bend to N.E.

½ along the Lard. shore to the point of a Sandbar Lard.

S. 45 W. 1½ to a point of woods in a bend on Lard. under a hill opposite to which we encamped on Stard. side. —

27.5

Course & Distance 24th May 1805

W 2½ to the mouth of N Wtr. River in a bend Stard. S.

W 1 to a point of wood Stard. opsd. a bluff L.S.

W ¾ along the Stard. point opsd. a bluffs L.S.

W 1½ along the S. side opsd. a [illegible] the L. side under a bluffs. in a bend L.S. a Creek falls in on the Lard. side a large village of Barking Squirrels on St. side

W ¾ to a point on the Lard. side low water

W. 2¾ to a grove of trees at the mouth of a run a range to the Stard. side passed a point on S.S. ½ m.

W. 1. to a point of woodland Lard. side

1½ to a point of woodland Stard. side opposite a low bluff and high pine hills —

½ to the lower point of the timber in a bend on Lard. passing a Stard. point at 1½ m. and being opposite the lower point of a small Island

N. 60 W. 2¼ to the lower point of the timber in a Stard. bend, passing the island at ½ mile. a small creek falling in on Stard. at the extremity of this course opposite the lower point of a small island.

1¼ ~~along the Stard. shore ¼ of a mile~~ to a bluff in a Lard. bend, passing the Island at ¼ m. and a Stard. pt. ½

S 80 W 1¼ to a point of woodland Stard. passing bluff on Lard.

West 3 to the point of a high bluff in a bend on Lard. a large stream falls in just below the bluff on Lard.

N. 78 W. ½ to a Stard. point

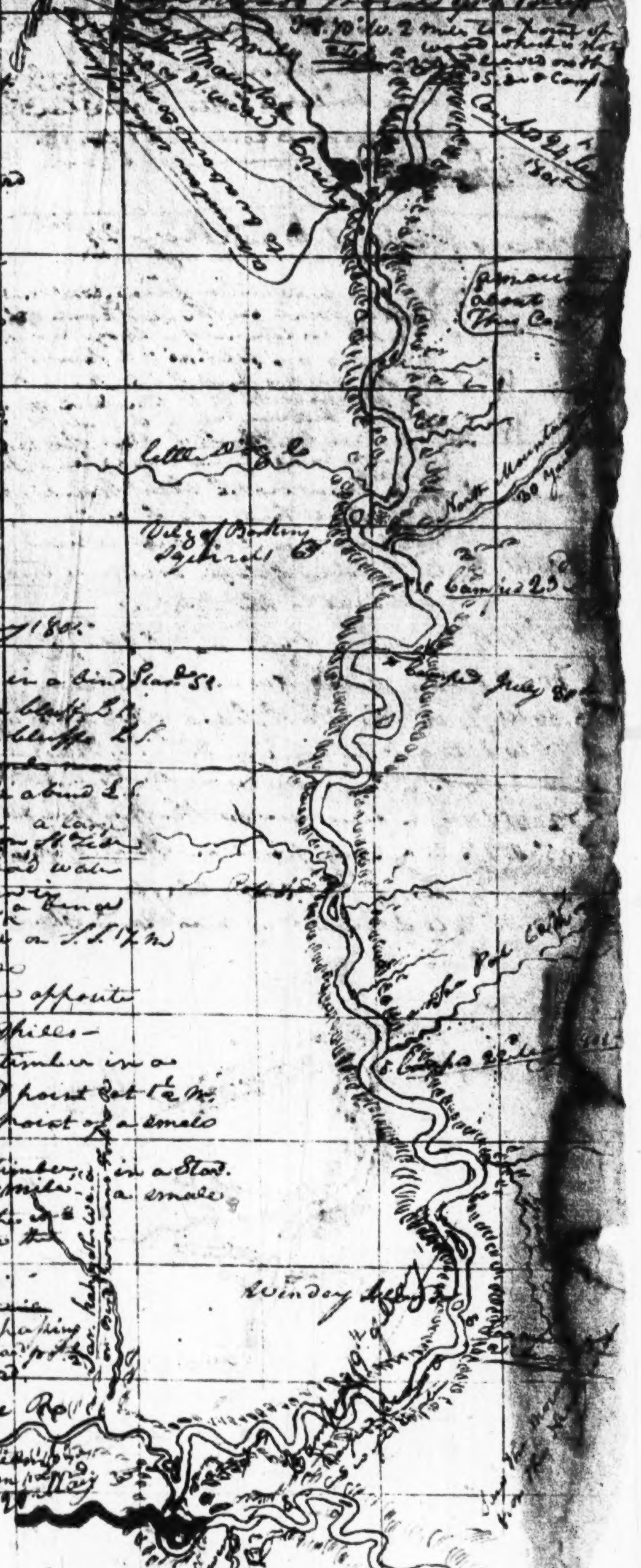
S. 50 W. 1. to a point of woodland Stard. side —

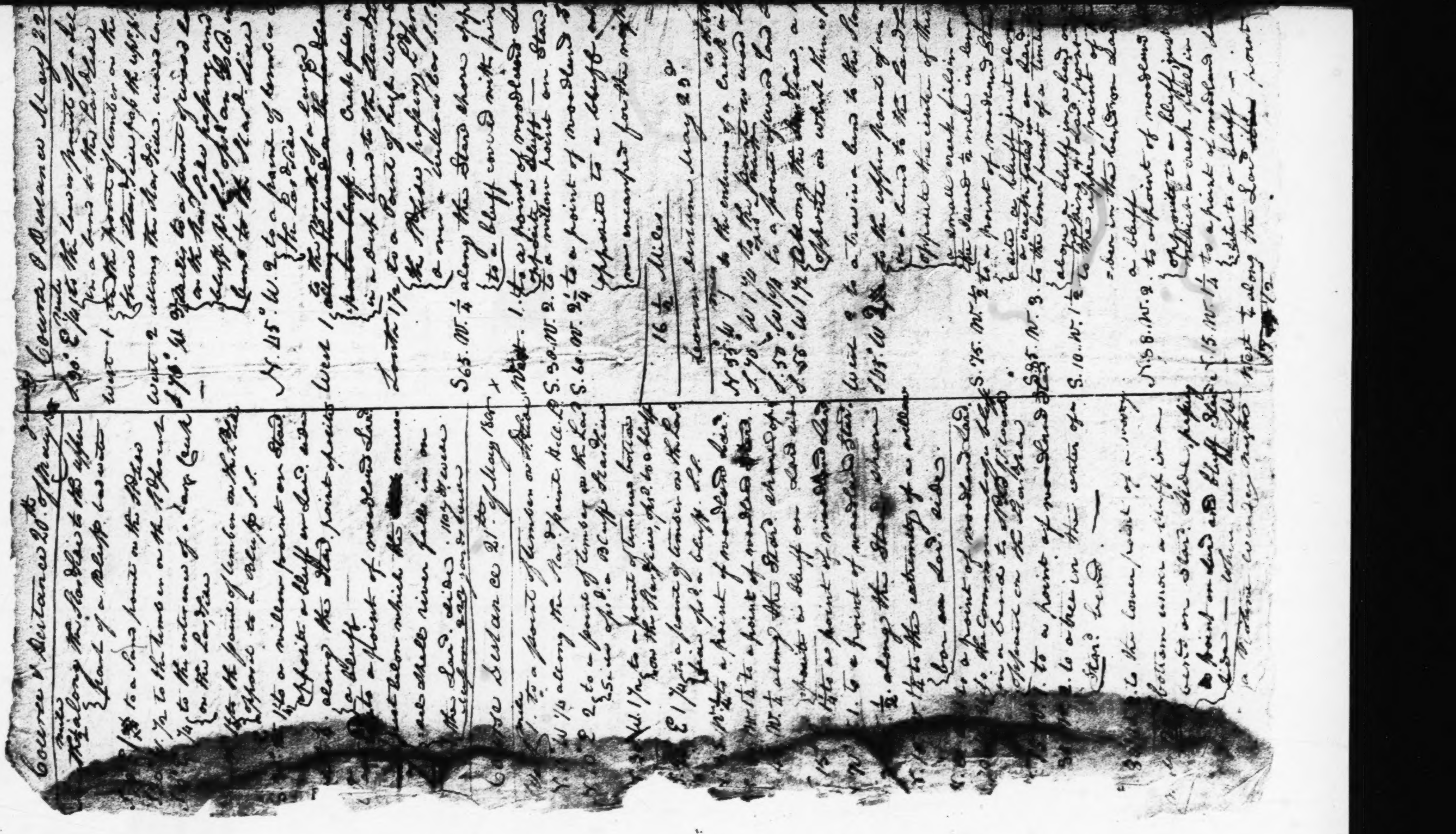
20¼

Course & Distance 25th May

West 2 miles to the last timber on the Stard. point of a Bluff

N. 70 W. 2 miles to a point of wood which is the [illegible] on the S. S. & Camp

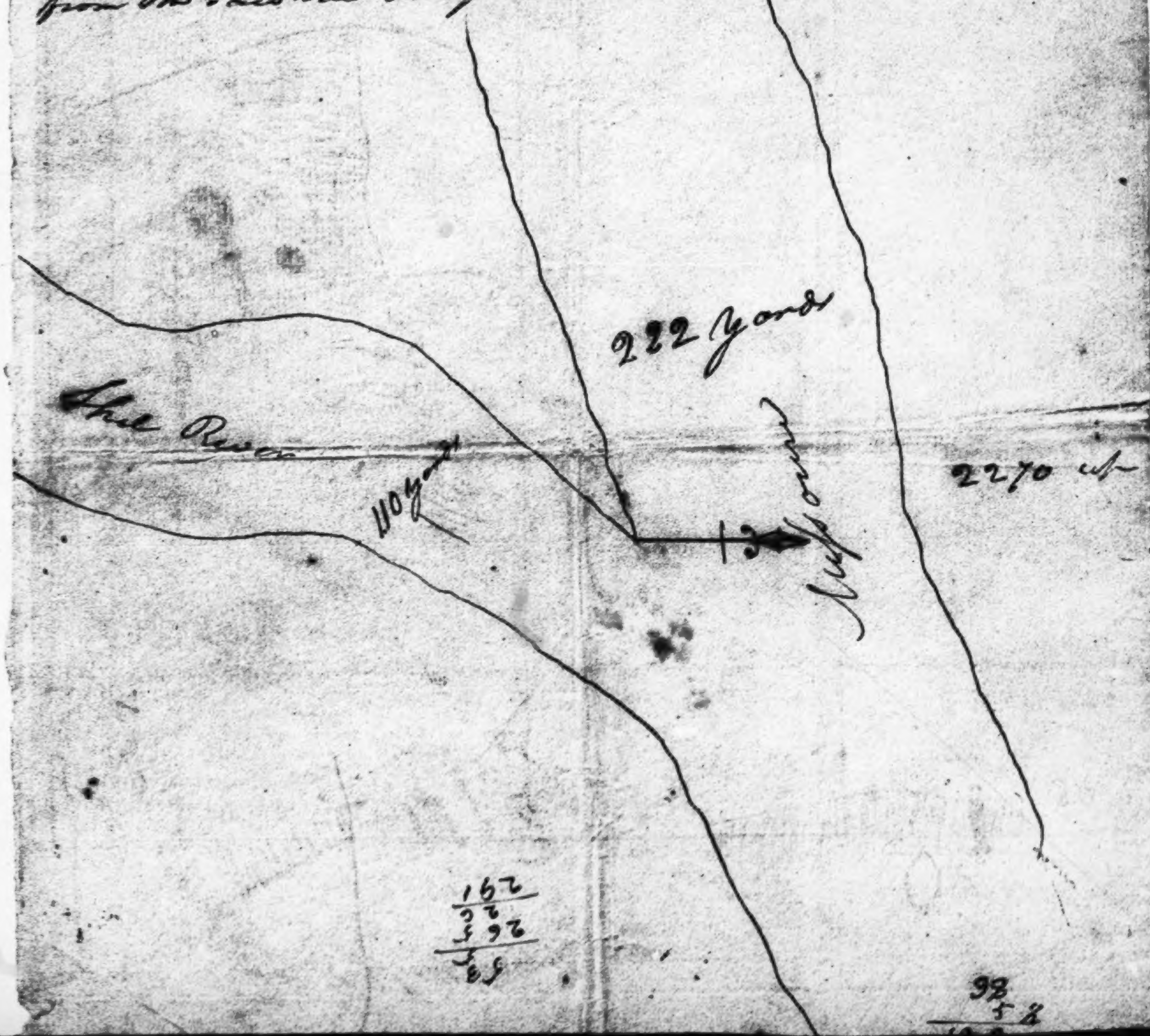


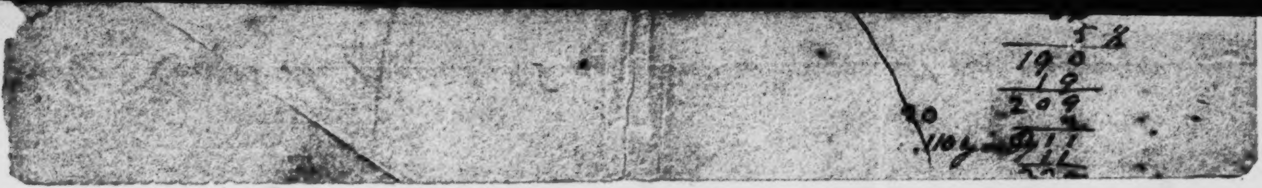


21. The Missouri from below Musselshell River to South Mountain Creek—the route of May 20-24, 1805.

From the Junction of the Shale River to the opposite [illegible] of Missouri is N. 46 ½ W from the point up the Missouri is S ½° W. 64 poles to a tree from the said tree across the Missouri is N 31 ½ E

From the Point across the Shale River to a Stake is S 24° E
from the Point up the Shale River is S. 13° W. 38 poles to a tree
from the said tree across Shale river to the Stake is N. 75 ½ E


222 yards
Shel River
110 yards
Missouri
2270 ch
98
5 ½



5 8
19 0
1 9
2 0 9
20
110 y

22A. Junction of the (Mussel)shell and the Missouri, May 20, 1805.

Course & Distances Sat^d. the 25th. of May

S. 50° W. 2 3/4 miles to the entrance of a ~~large~~ Creek in a bend to the Lard. Side 20 yds w^d passing a Small Island in a deep bend to the Lard Side. a wind

N. 55 W 1 1/4 to the Star Side of an Island, devided from the S. Shore by a narrow Chanel a Bluff on the L. Side

N. 35° W. 1/2 on the Sd Side passed a Sand Bar

N. 15. W. 1/2 to a point of woodland Lard.

N. 30. W. 2. to a point of woodland Stard. opposite the Lower point of an Island. —

S. 25. W. 1/4 to a bluff bank, in the Stard. bend opposite ~~the lower~~ a point of the island

N. 65. W. 3/4. to a bluff point on Stard. opposite the upper point of the Island. —

N. 60. W. 4 1/2 to a clump of trees in a Stard. bend, under a high bluff passing a Lard. point at 2 Ml. and a small island at 3 1/2 Miles

N. 80. W. 1. to the point of a high plain on Stard. passing an island ~~close~~ near ~~under~~ the Stard. shore 3/4 of a mile in length.

S 80° W. 2 to the Lower point of a naked Island in the middle of the river, camp a few trees on the upper point passd. the Point on the Lard Side at 1 1/2 M

S. 60° W. 1 to a point on the Lard Side; passed the head of the Island at 1/2 m Camped Lard Side

miles 18

Courses and distances 26th. of May 1805

S. 45. W. 1 miles, to the point of a plain on Stard opposite a bluff. —

N. 10°. W. 1/4 along the Stard point oppst. bluff

N. 45. W. 1/4 along the Stard. point opst. a bluff

N. 10. W 1/4 along the Stard. point opposite a bluff

N. 10. E. 1/4 along the Stard. point opst. high hills

N. 5 E. 2 to a timbered point on Lard. side a few trees

N. 10. W. 3/4 to a point in a bend on Stard.

N. 75. W. 1/2 to a point of timber on Stard.

N. 66. W 1. to a point of timber Lard. side

N. 18. W. 1 to a point of Gravel Stard Side

N. 12° E 1 to the Mouth of a Creek Stard Side

West 3/8 to some trees on the Lard point

S [illegible] W. 1 1/2 to the upper part of some timber in a bend to the Lard

N. 80 W 1/2 to open point on the Lard Side

[illegible] 2 to ~~a open point~~ on the Stard. Side the only timber on either side being near the river. Pine & Cedar on the hills

19 Carried forward

May 26th. brought forward

Miles 13 no timber on the banks of the river on either Side Bluffs [illegible] & Shoal [illegible]

S 24. W. 2 to a Cliff in a bend to the Lard

West 2 to a point on the Lard Side timber on either Side

S. 60. W. 1/2 to a ~~Lard~~ bluff point Lard. opposite the upper point of small sand Island

S. 45. W. 4. to the point of a small plain Lard. passing high bluffs on either side —

S. 70. W. 1. to the point of a high [illegible] in a Lard. bend.

N. 80. W. 1/4 to the upper point of [illegible] timbered bottom on Lard. side where we encamped for the night.

22 3/4

Courses and distances May 27th 1805

West 1 3/4 mile along the Lard. shore to a point on Lard. [illegible] bluffs approach the river on both sides

S 80. W. 3/4 to a bluff point Stard. [illegible] in a Stard. bend.

S. 50°. W. 1. to a Lard. point.

S. 8. W. 1 1/2 to the point of a bluff on Lard. in a Lard. bend the river making a considerable bend to S. E. —

S 60° W. 1/2 to a open point on [illegible]

S 20° W. 1 1/2 to a single cotton tree Lard [illegible]

S. 55° W. 1 to a Bluff point on the Lard Side

S. 45 W. 5 to a bluff point on the Lard. Side passed. Lard. pt. at 1 1/2 [illegible]

19 1/2

Course and Distance May [illegible]

Miles

South 1/2 to a point on the Star [illegible]

S. 35. W 2 ~~from a Stard bluff point~~ to the point of a bluff Star

S. 60. W. 1 1/2 to a point on Lard.

N. 70. W 1. to a point on [illegible]

S. 65. W. 2 to a point on Stard.

N 65. W. 1 1/2 to a single cotton tree on Lard

West 1 1/2 to cotton trees on a Stard

N. 82 W. 1 to a Grove of cotton trees Lard

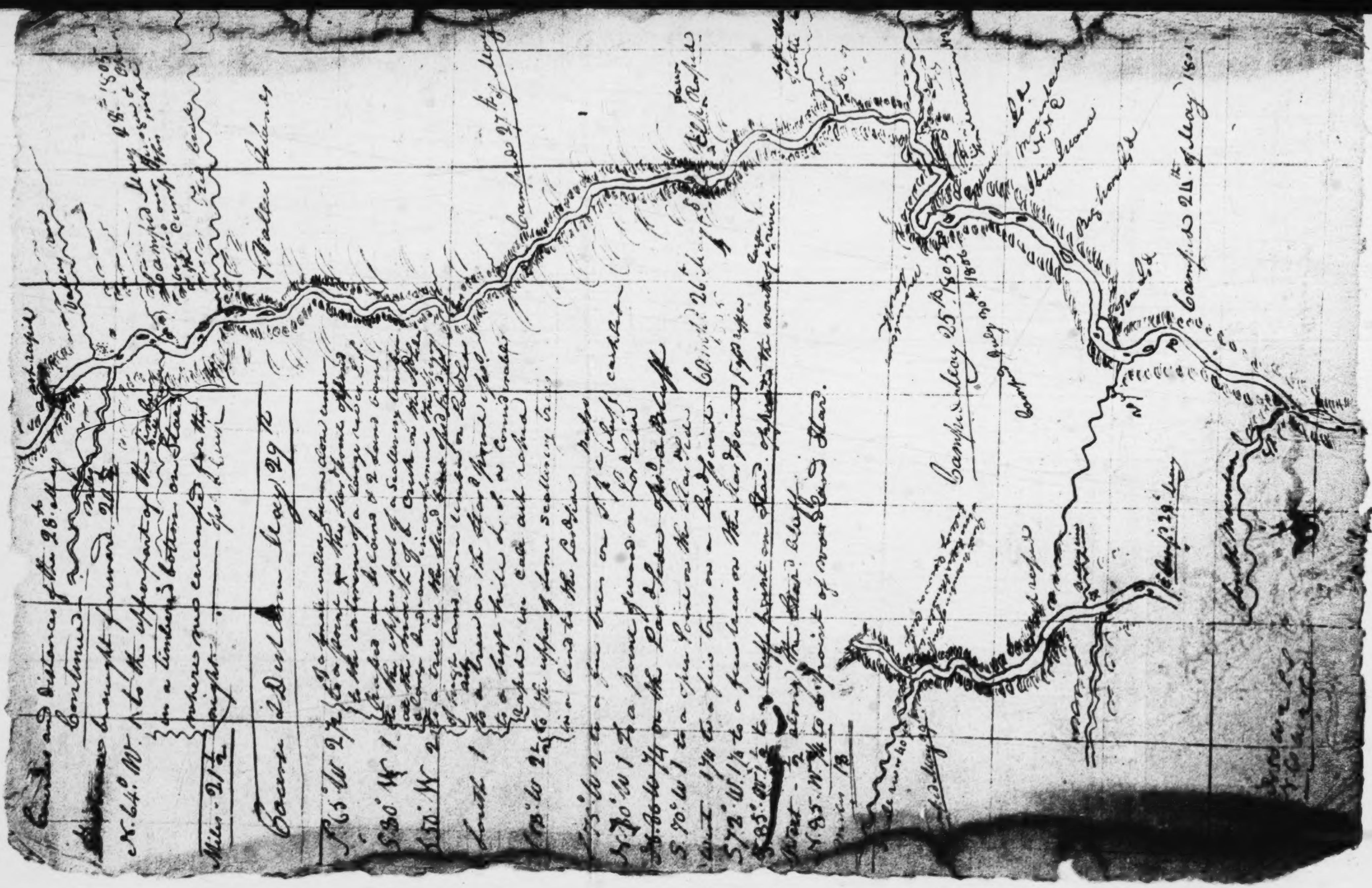
N. 76° W 2 to a tree on the Lard

S. 68. W. 2 to a point on Stard. river widening [illegible]

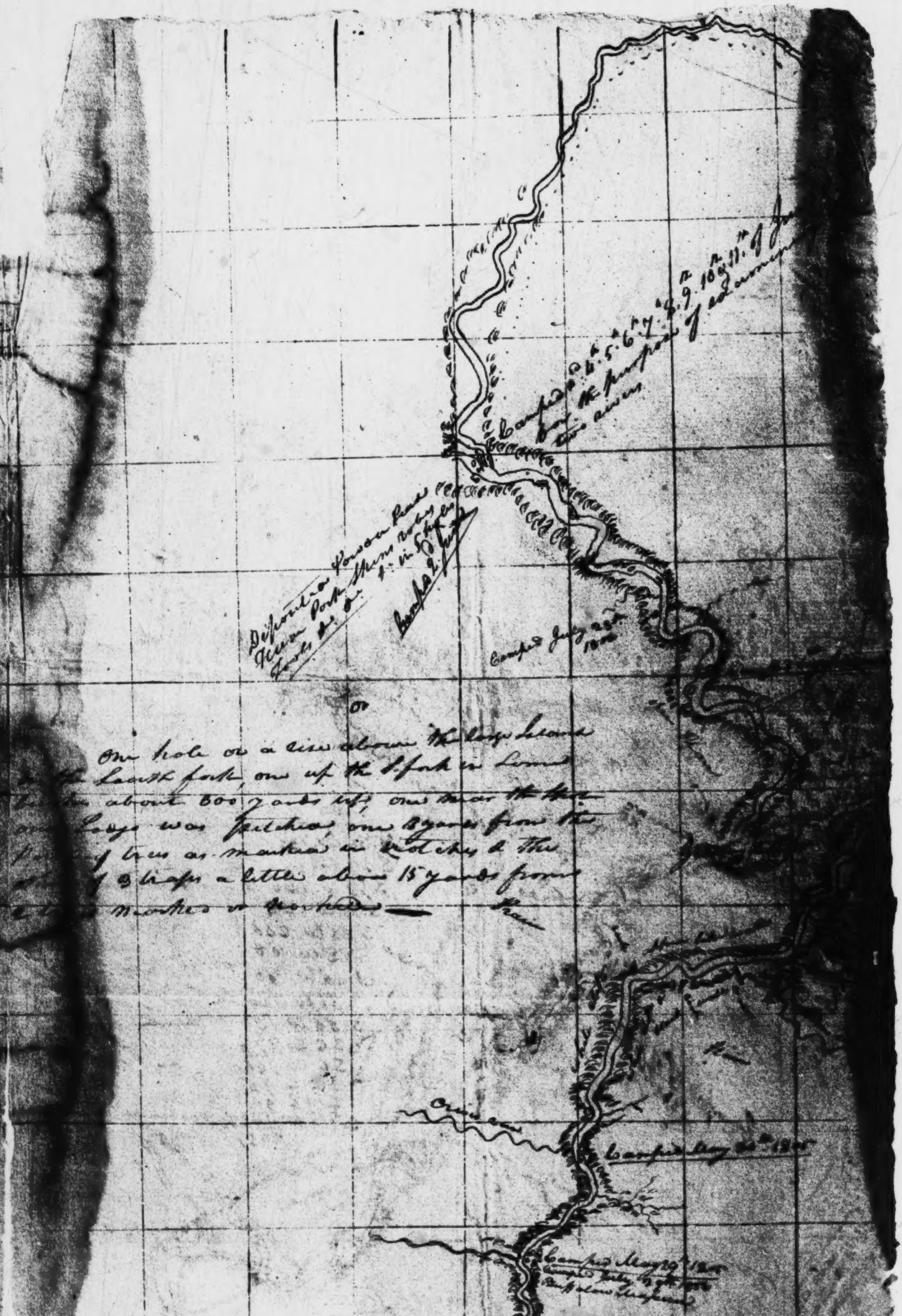
West 3/4 to the upper part of [illegible] bottom in a bend to [illegible] Passed 2 Islands [illegible]

S. 20. W. 2 1/2 to a Bluff point in a Lard. passed two small [illegible]

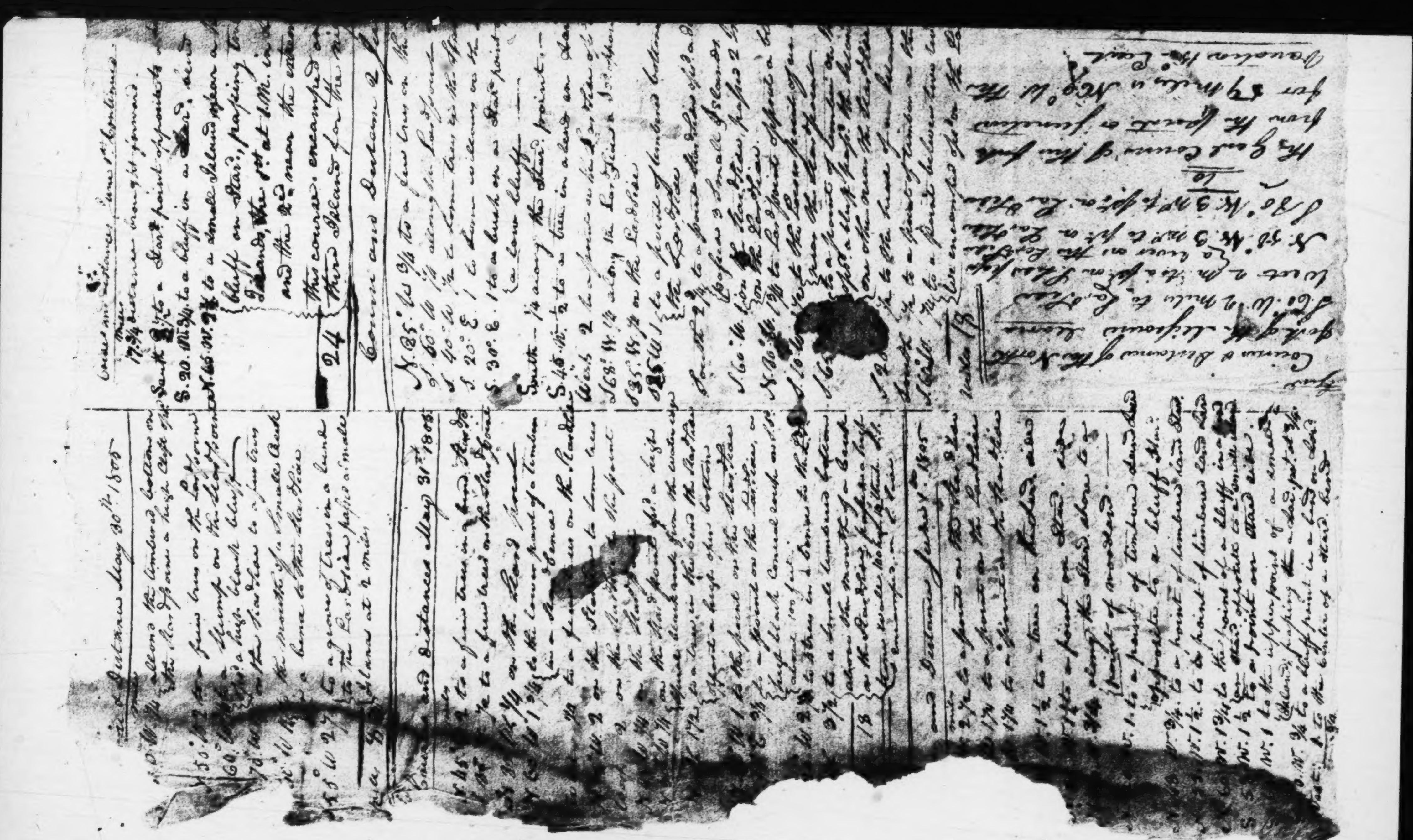
20 [illegible]


Courses and distances of the 28th May
Miles 21½
Course 29th May
Camped 24th of May 1805
Camped May 25th 1805
Camped 26th May
Camped 27th of May
Elk Rapid
Camp 29th May

23. The Missouri from South Mountain Creek to Judith's River—the route of May 24-28; with return camps also marked, in July, 1806.


Camped 4th. 5th. 6th. 7th. 8th. 9th. 10th. 11th. of June for the purpose of examining the rivers
Deposited a Powder Lead Kettle Pork Skins robes &c Tools &c. &c. in 5 places
Camped 2d. June
Camped July 28th 1806
Camped May [illegible] 1805
Camped May 29th 1805
Camped July 29th 1806
a little below [illegible]

One hole on a rise above the large Island in the South fork, one up the S fork in Level plain about 800 yards off; one near the [illegible] large was [illegible] one 8 yards from the [illegible] of trees as marked in Notches & the [illegible] of 3 trees a little above 15 yards from the marked or Notched —



24. The Missouri from Judith's River to Maria's River, showing also the course of the latter, and camping places for May 29-June 11, 1805; with indications of camping places in July, 1806.

on fork falls

[illegible]se & Distance 12.th of June 1805

mile
[illegible] 1 to a p.t on the Lar.d Side pass.d a Ld.
[illegible] 1 m. to the Lar.d p.t of an Island
[illegible] 2 to a tree on the Star.d Side
[illegible] 1 to an ~~passing a small~~ object in the bend Lar.d Side
opp.o the Lower P.t of an Island
[illegible] 1/2 to a tree on the Lar.d Side pass.d
an Island
[illegible] to the [illegible] the Star.d Side
[illegible] to a point [illegible] in the Star.d opp.
a Island, pass.d a small Island
[illegible] to a bluff p.t on the Star.d 1.d & d.
[illegible] to the Lower point of a Small Id.
1 1/2 to high black bluff in the bend L.d
1 1/2 to a tree under a hill Lar.d Side
passed 4 Islands 2 on right & 2 on left
[illegible] 3 1/2 to the [illegible] Spring at which
[illegible] the little river is 100 yd.s distant
Called [illegible]
[illegible] 45° E 1 3/4 to a low bluff on the Star.d Side
passed a point on each side 1 Id.
[illegible] 1 to a bluff in the Lar.d bend.
[illegible] 1/4 to low bluff on Star.d Side opp.d a
Island Camped for the night

19

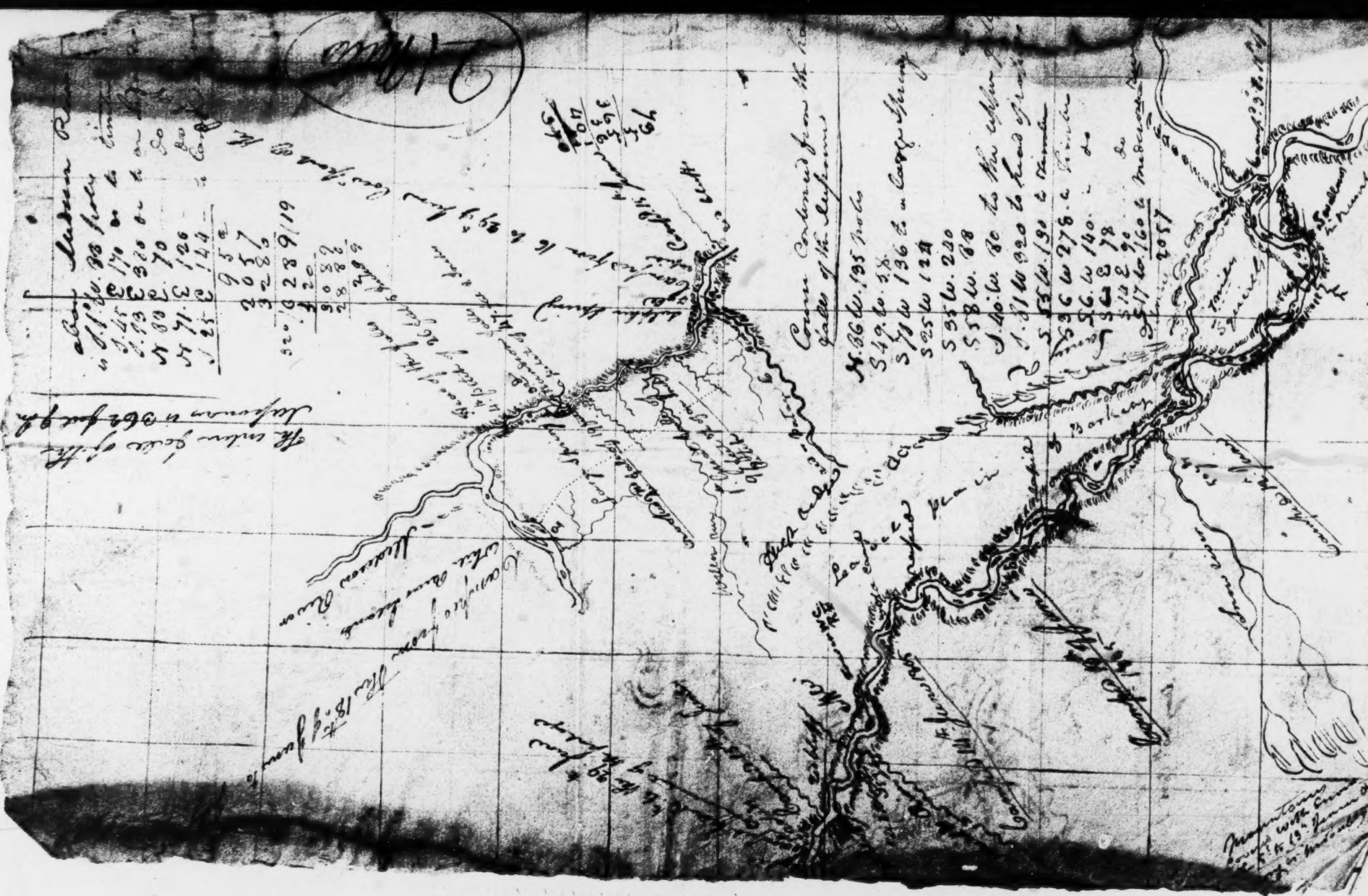
Course & Distance 13.th of June

[illegible] 45° W. 1 1/2 miles to the Mouth of Snow river
on the Lar.d Side passed 2 Isd.
and opposit one other.
S 60° W. 1 1/2 to the Lower part of a timber on the
Star.d Side passed the head of Isd.
South 1/4 on the Star.d Side to the point of
a bench [illegible] bluff
[illegible] 45° W. 3/4 to the upper part of a [illegible] Isd.
[illegible] 20° W. 1 1/4 to a black bluff in the Lar.d bend
[illegible] 30° W. 1 To lower point of an Island
[illegible] 1 3/4 to a [illegible] on the Side of a bluff
in the Star.d bend pass.d 2 Islands
and the Lar.d point
[illegible] 60° E 3/4 to a hollow in the bluff Lar.d bend
passed 2 Small Islands
[illegible] 1/4 to a Ledge on a Small Isld.
[illegible] 1 to the Lower point of an Isld.
[illegible] 1/4 to a Stony bluff Star.d Side [illegible]
the head of Sd. [illegible] across River
on a Small Island
[illegible] 1 1/4 to a tree in the bend under a
hill Lar.d Side passed 2 Islands
[illegible] 1 1/2 to the Lower point of an
12 Island passed 2 Islands

Courses & Distance June 14th
S. 35° W 2 to a Small Island in Lar.d bend
passed [illegible]
S 55 W [illegible] to a tree on the Lar.d Side opposite
bluff passed an Id. on Star.d Side
N. 70 W 1 to the Lar.d point passed an [illegible]
[illegible] 1 to a tree in the bend on St. [illegible]
South 1/4 to a ~~bluff~~ Cliff Lar.d Side at a [illegible]

Course & Distance of [illegible]
west 1. to the [illegible] of [illegible]
S. 45 W. [illegible] the upper point [illegible]
Island in a bend Star.d [illegible]
S 15° W. [illegible] a naked Point [illegible]
opp.o a Cliff of [illegible]
S 70° W. 1/4 to [illegible]
[illegible] a [illegible]
South 1 1/2 Miles to the upper [illegible]
a Island
S. 56° W. 1/2 on the Star.d Side [illegible]
S. 60° W. 1/2 to the Lar.d point [illegible]
Miles 10 1/2 & Camped [illegible]

Course & Distance [illegible]
mile
South 1 1/2 to a point on [illegible]
S. 28° W. 2 1/4 to a few trees on the [illegible]
S. 10° E 1 3/4 to the Star.d [illegible]
S. 60 W. 3/4 to a tree in a Star.d [illegible]
rocks & riffles [illegible]
South 3/4 to a point of bushes [illegible]
Lar.d Side passed [illegible]
at 1/2 a mile on the [illegible]
S. 10° E 1 1/2 miles to the Star.d point
S. 50° W. 1 to a point on the Lar.d [illegible]
South 1 1/4 to the Star.d point [illegible]
Island [illegible]
S 80° W. 1 1/2 to the Point (a few [illegible])
at a rapid and [illegible]
12
Continued
S 10° E 1/4 to a point on the Star.d [illegible]
where we were Comp[illegible]
to Land, passed a rapid
-bes
South 1/2 to a point on the Lar.d [illegible]
a Considerable [illegible]
S. 14° E 3/4 to the Mouth of [illegible]
River on the Lar.d [illegible]
S. 20° W. 1/2 to a point Lar.d [illegible]
S. 10° E 1/4 to a point on the [illegible]
2 in the 1st Cou[illegible]
entire Distance [illegible]
rapid or Cascade
South 1 1/4 = 400 poles
S. 80 W. 1 1/4 - 400
S. 15 W. 1/2 160
S. 70 W 1/4 to 2 [illegible] [illegible]
S. 60 W 1/4 80
S. 82 W. 340 poles to the great [illegible]
S 24 W 90
S. 19. W. 80
S. 11 W. 80
S. 31. W. 320
S. 52. W. 173
S. 40 W. 970 to the Crooked falls
N. 84 W 102 Handsome falls 47 [illegible]
3280



25. The Missouri from the entrance of Maria's River to the Great Falls, showing camping places for June 11-29, 1805.

across the Missouri passing the upper point of Medicine River is N. 35° W to the lower banks

down the Missouri to the Spring is N 19° E 80 poles — Thence:

across to the point of Medicine River S. 70° W —
across to the lower bank below Medicine River N. 39° W

across the upper falls is N. 1½° E —
down N. 54° E 46 — poles —
across N. 24° W. — Deduct 70 yds

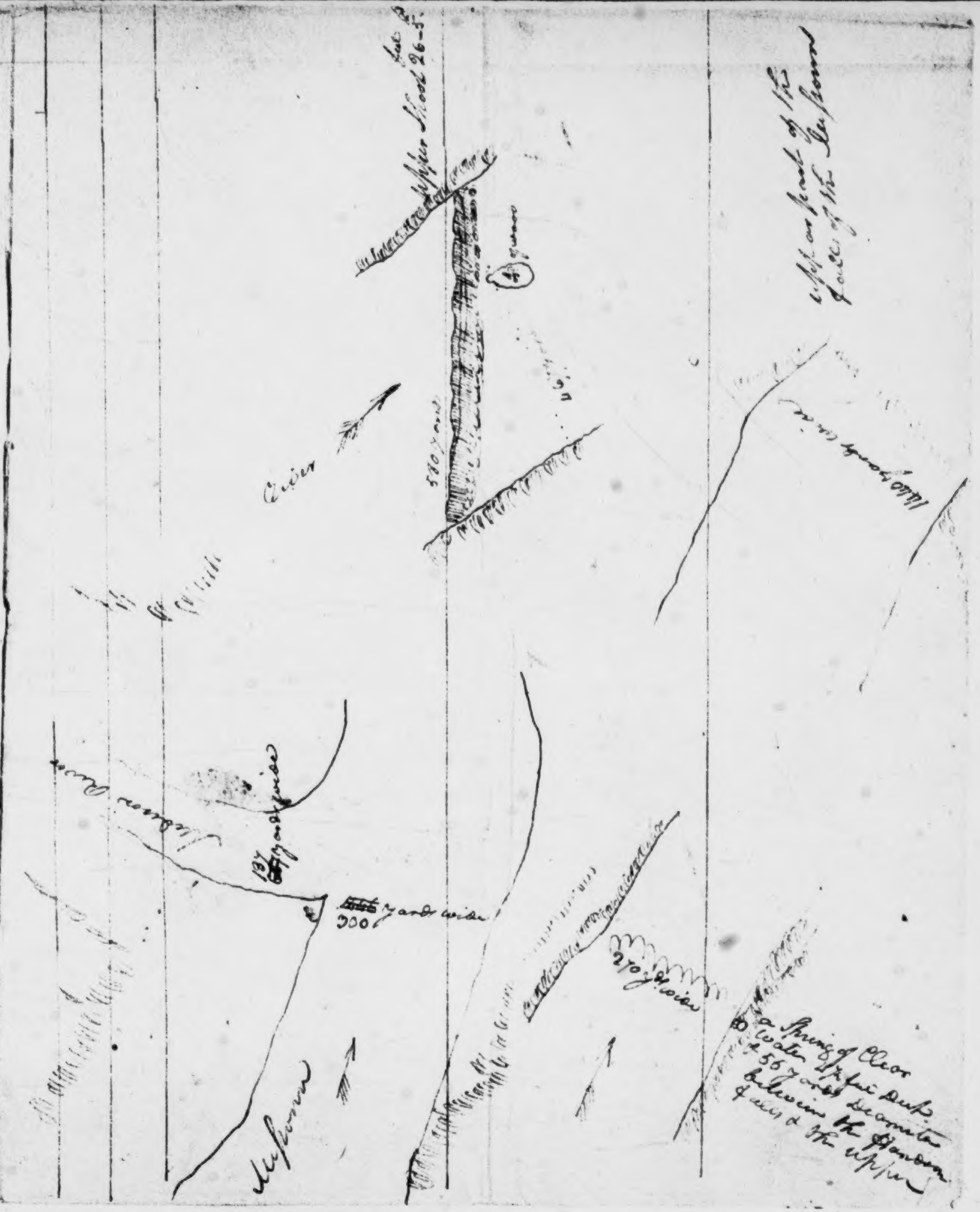
across at the Spring is N. 35 W
down the river N 35° E 41 poles
across N. 78° W.

No 1
across handsom falls is N 48 E
No 2
across to opposite at little falls N 8° W
No 3
across opposite pt. below handsom falls to the S side of lower pitch is N. 59° E
No 1
Down river is S. 58° E 30 poles
No 1
across river is N. 26° E
No 2
across the Great falls to Lower is N. 22 W.
No 3
across to the point opposite is N 42 East

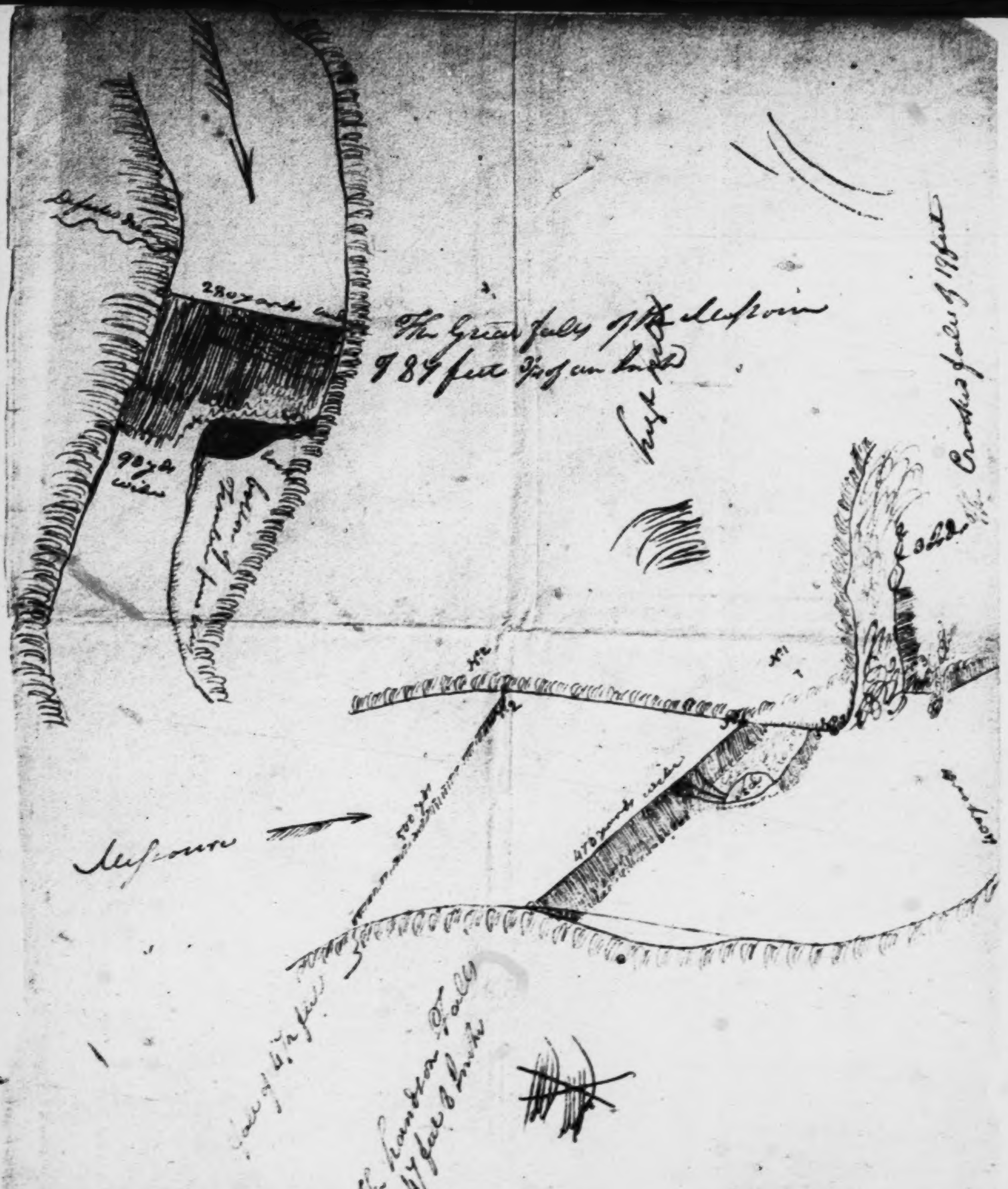
Course of river down N 36° E

a Small Isd. below falls. Hinges? one above Spring

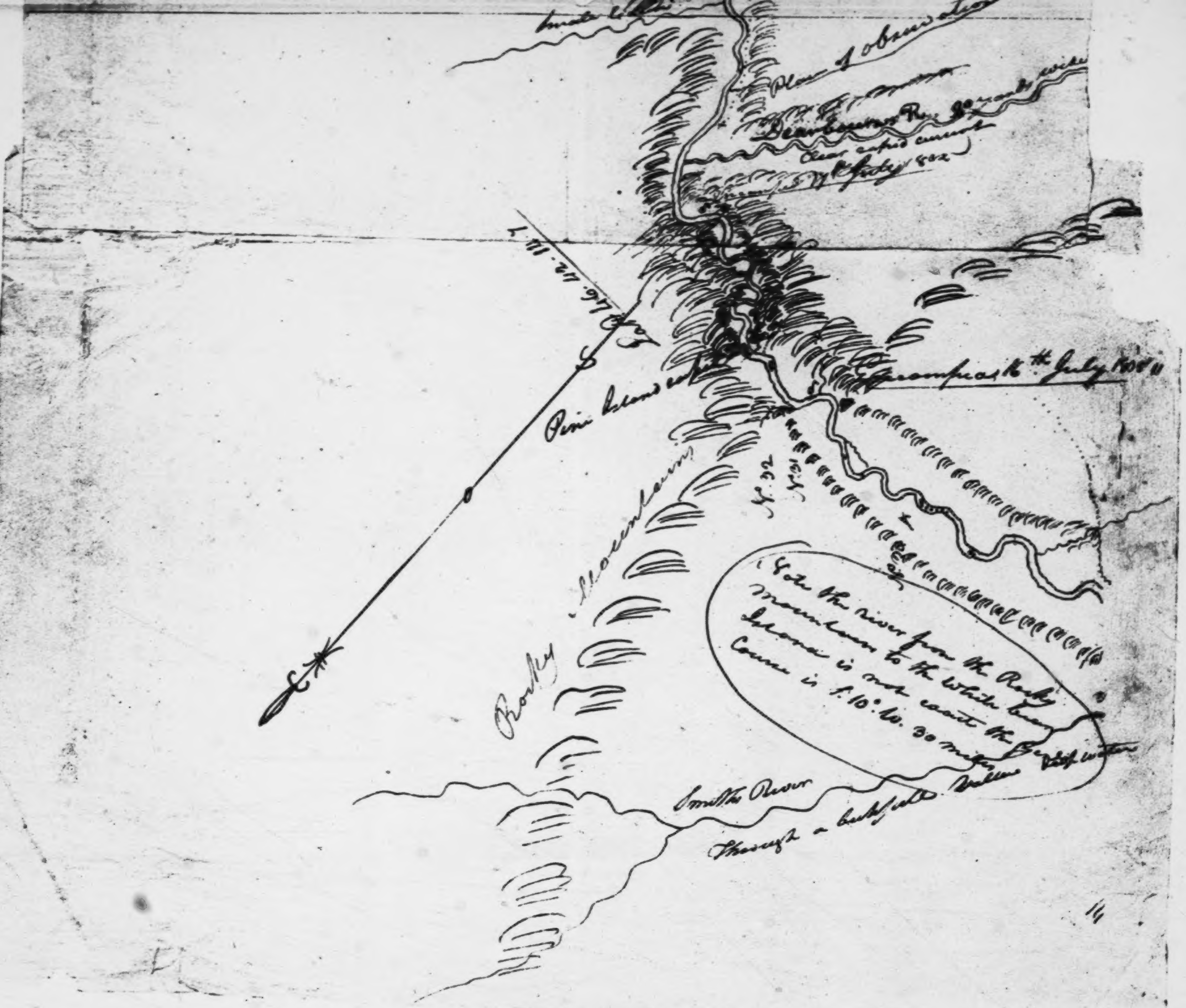
The Spring is 10 poles wide & falls 13 feet and falles into the River at 60 yds from the head the Eddie is feet Inches rock bottom of River, several other small Springs brake out of the rocks in the edge of the river of Clear pure Crestaline water


Upper Shoot 26-5 feet
4 yards
580 yards
upper part of the falls of the Missouri
1440 yards wide
River
Medicine River
137 yards wide
300 yards wide
Missouri
270 yds wide
a Spring of Clear water 8 feet deep & 56 yards diameter between the Handsom falls & the upper

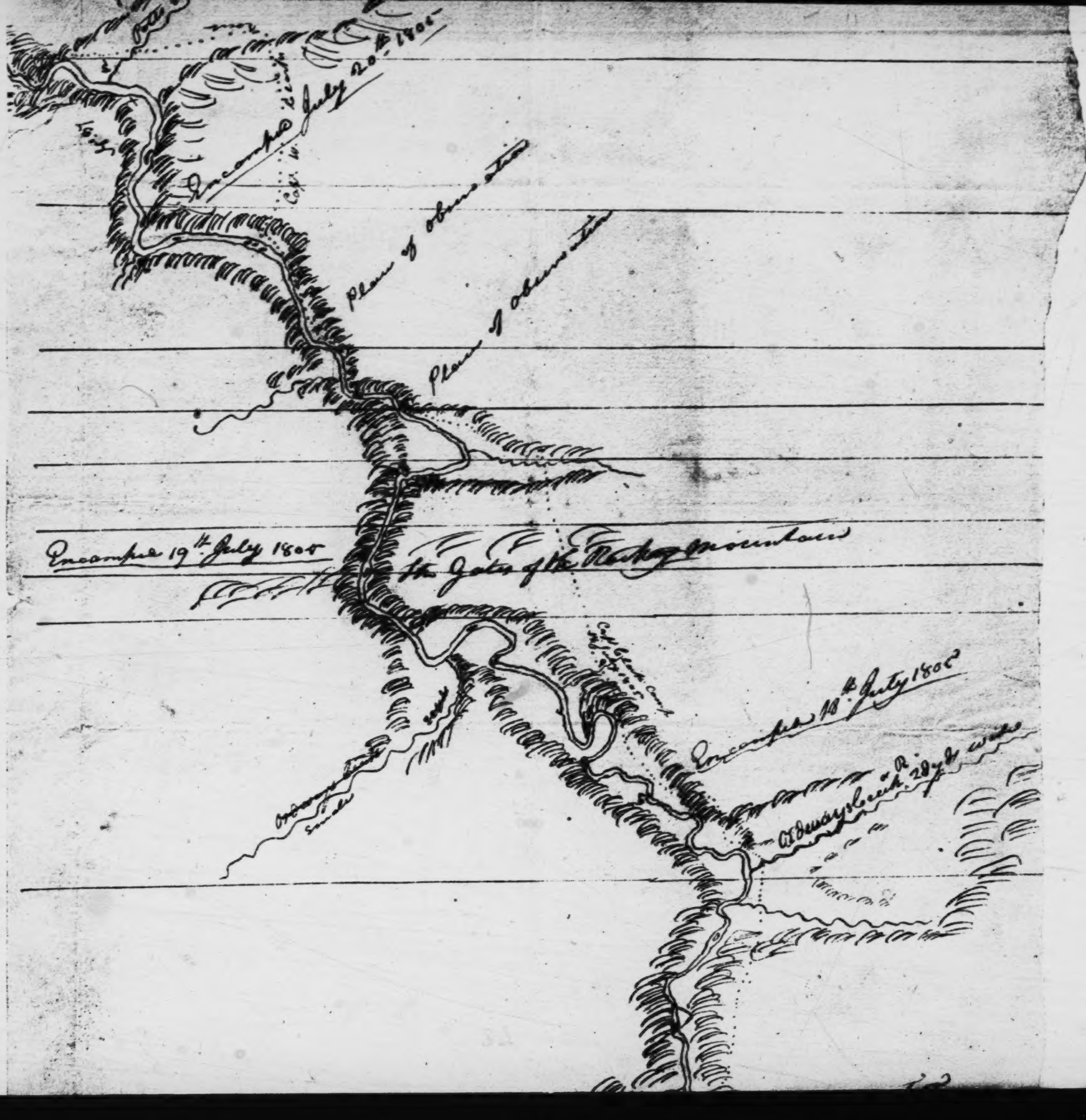
26. Junction of Missouri and Medicine (Sun) Rivers. Sketches of upper parts of Falls and of Giant Spring, or "Large fountain."

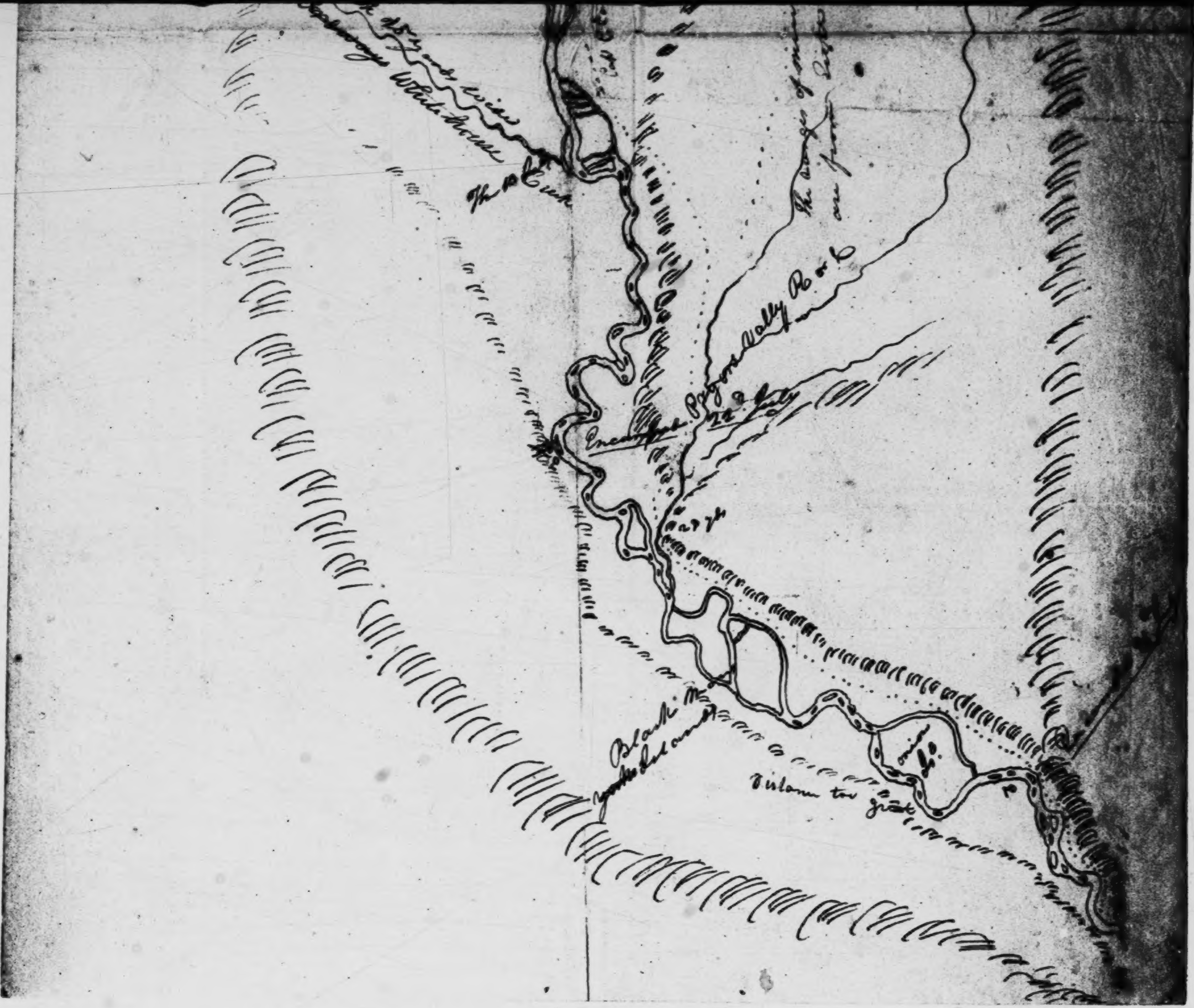

The Great falls of the Missouri
87 feet 3/4 of an inch
280 yards wide
90 yds wide
Missouri
580 yds
473 yards wide
fall of 6 7/8 feet
The handsom Falls of 47 feet 8 inches
Crooked falls of 19 feet
400 yards

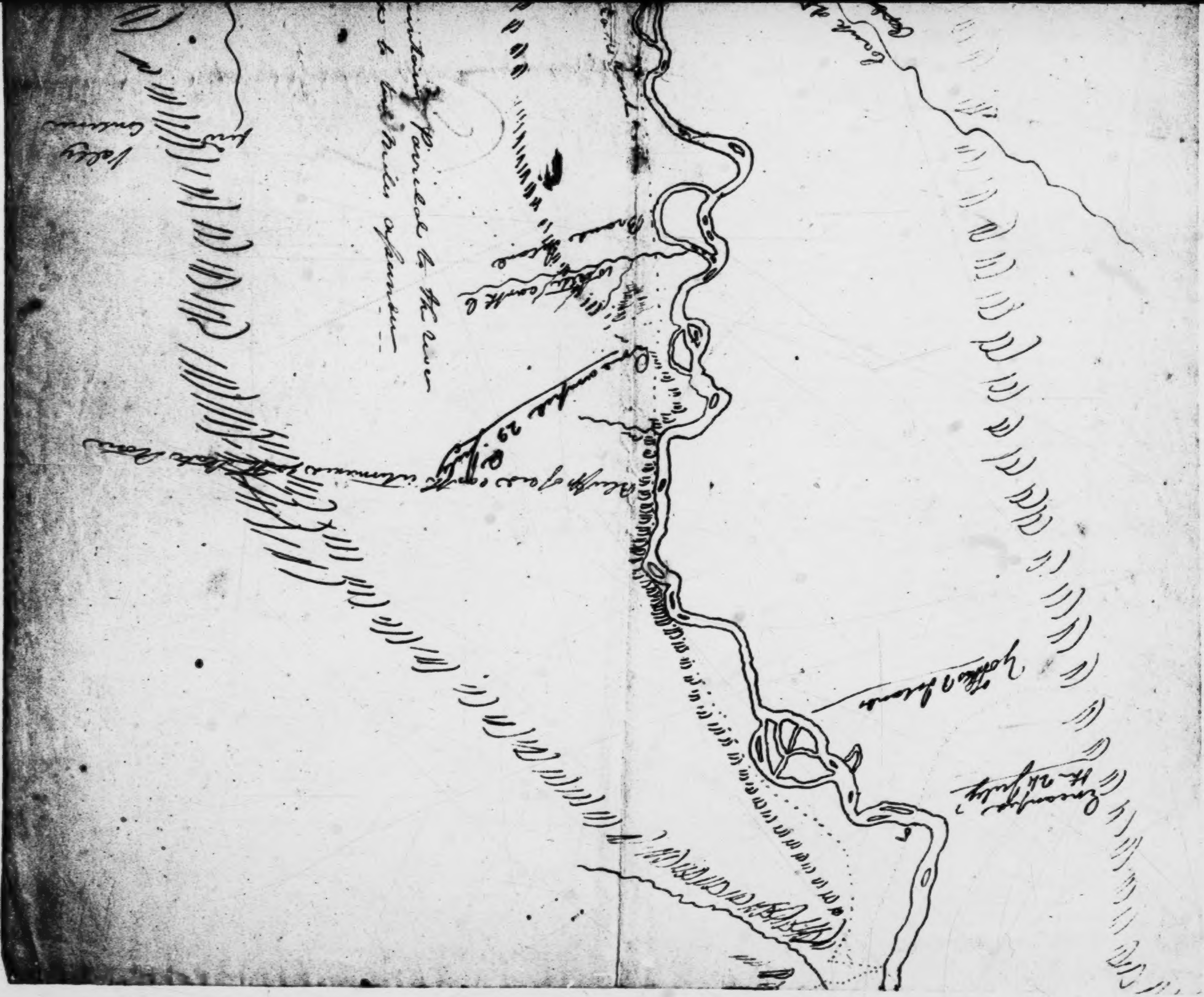
26A. Sketches of Great, Handsome, and Crooked Falls.


Plan of observation
Dearborns R. 80 yards wide
clear rapid current
18th July 1805
Encamped 16th July 1805
Pine Island rapid
Lat 46. 42. 14.7
N° 32
N° 31
Rocky Mountains
Note the river from the Rocky Mountains to the White Bear Islands is not exact the Course is S. 10° W. 30 miles
Deep water
Smiths River
Through a beautiful Vallee

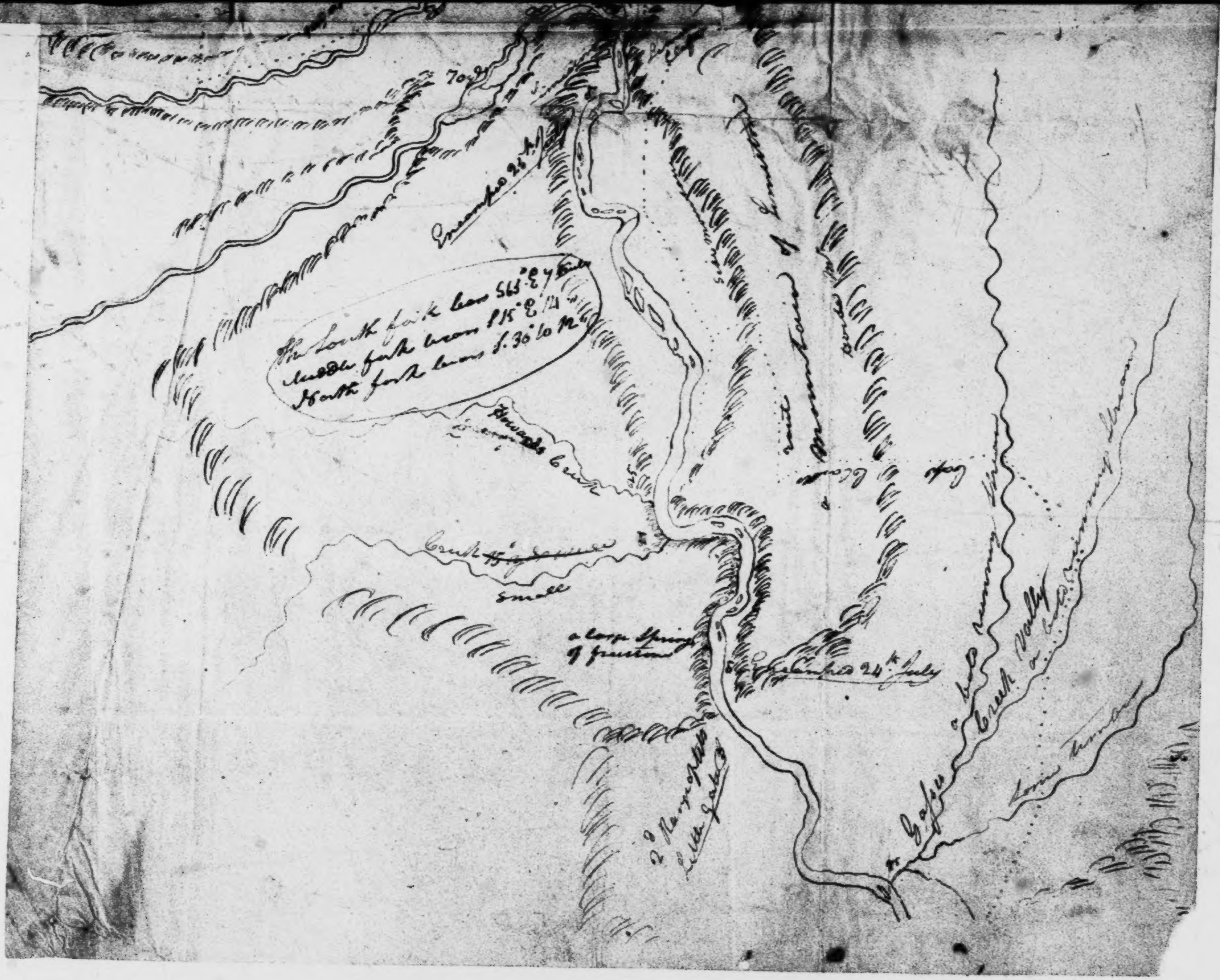
14


Encamped July 20th 1805
Capt. W. Clark
Plane of observation
Plane of observation
Encamped 19th July 1805
the Gates of the Rocky mountains
Capt. Clark's Camp 18th July 1805
Encamped 18th July 1805
Dearborns creek R. 28 yds wide
Ordways Creek
Smiths


Encampment
Pryors Valley R. or C
22 July
The 10 Creek
White House
Black Mountain
The range of mountains
are from

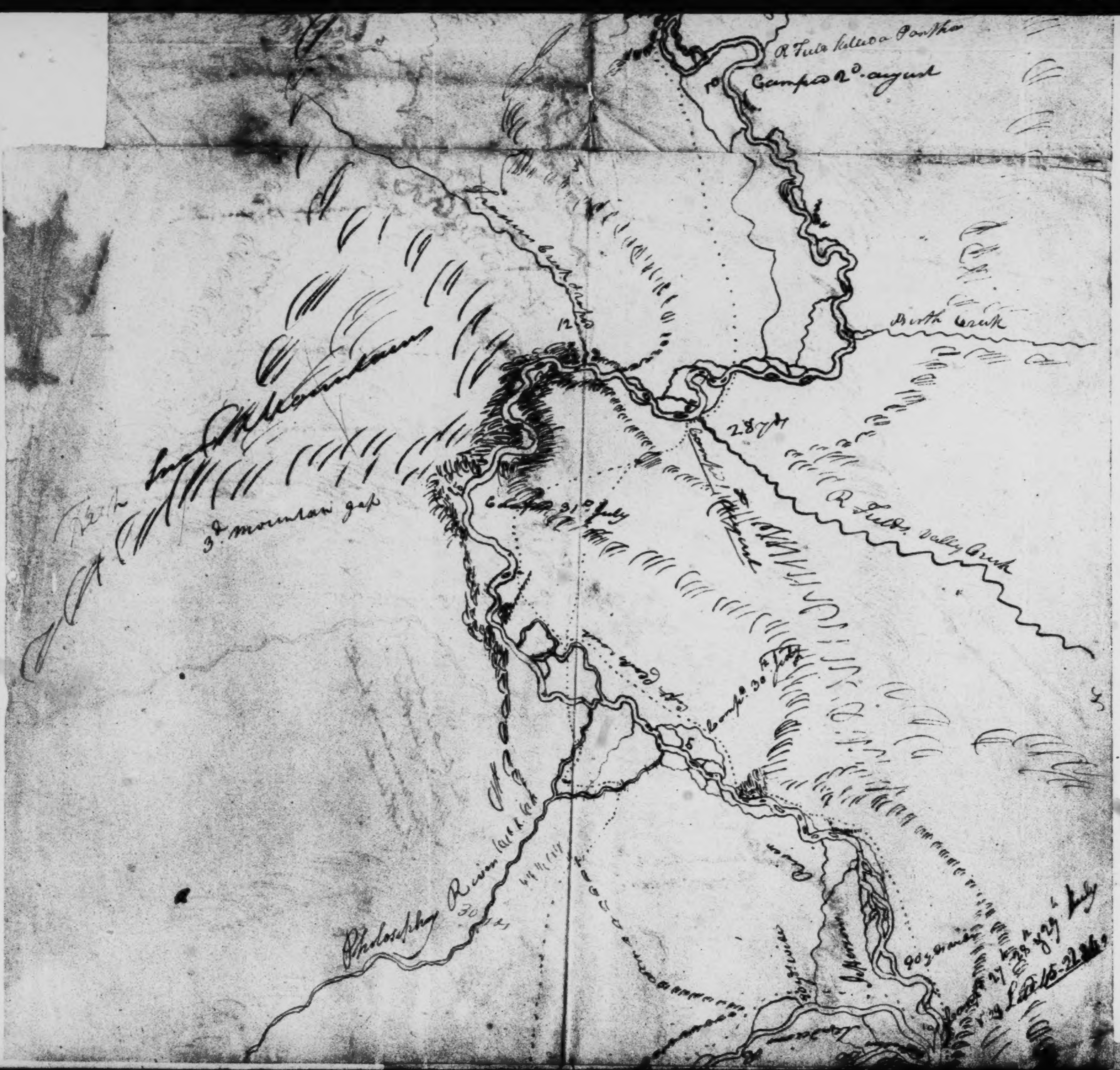

Encamped the 24 July
Yorks 7 Islands
Bluffs of red earth intermixed with slate stone
Encamped 23d July
White earth
Valley Continue

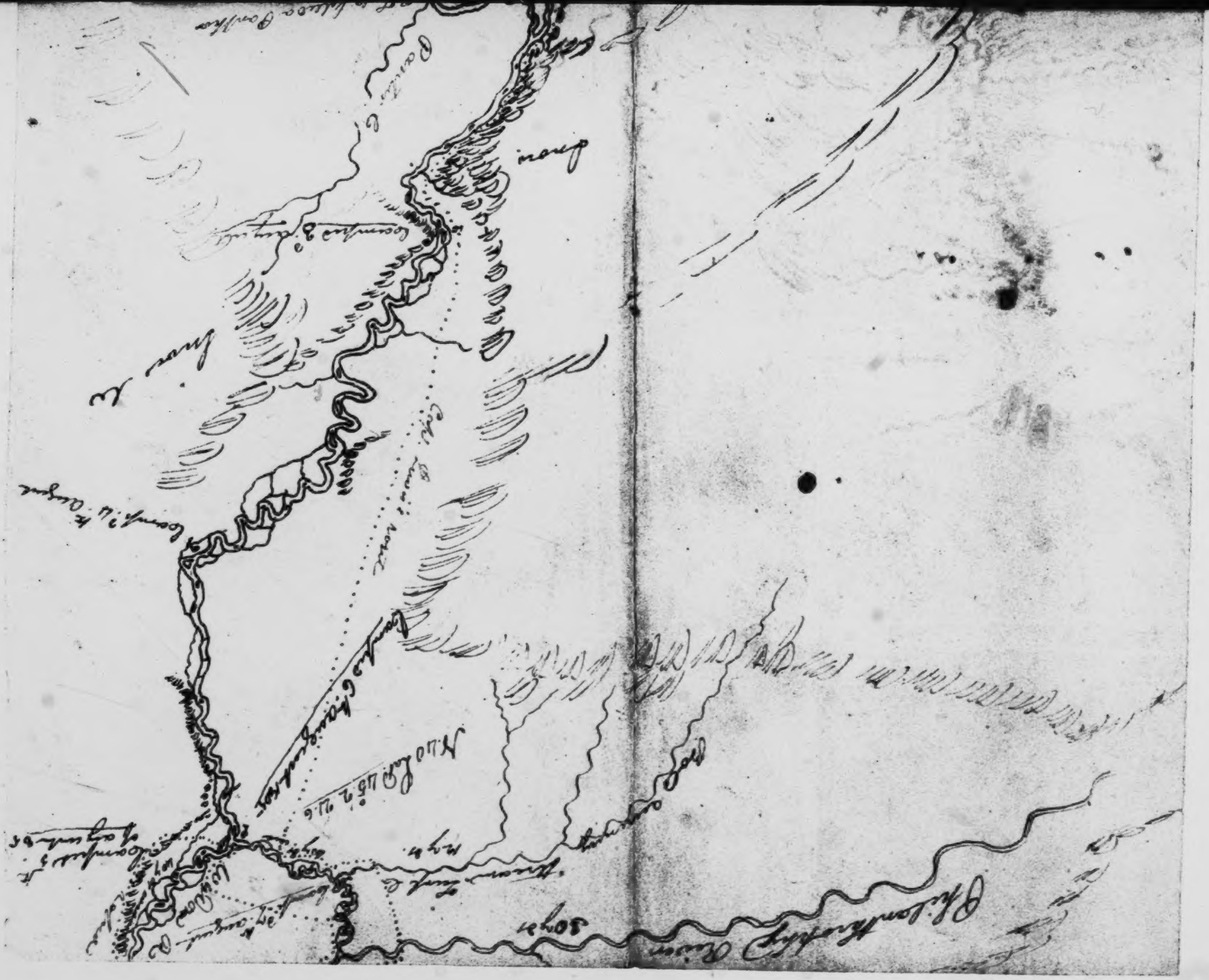
28. Missouri River, giving the route of July 21-24—continuing map No. 27.

The South fork bears S 65° E 7 miles
Middle fork bears S 15° E 12 "
North fork bears S. 30° W 12 "
Encamped 26th J
70 yd
Howards Creek
Creek ~~15 yd~~
small
a large Spring of freestone
Encamped 24th July
route
Mountains of Limestone
Cap Clark
2d Narrows
Little Gate
Gass's Creek a bold running stream
Valley
a bold running stream
some timber

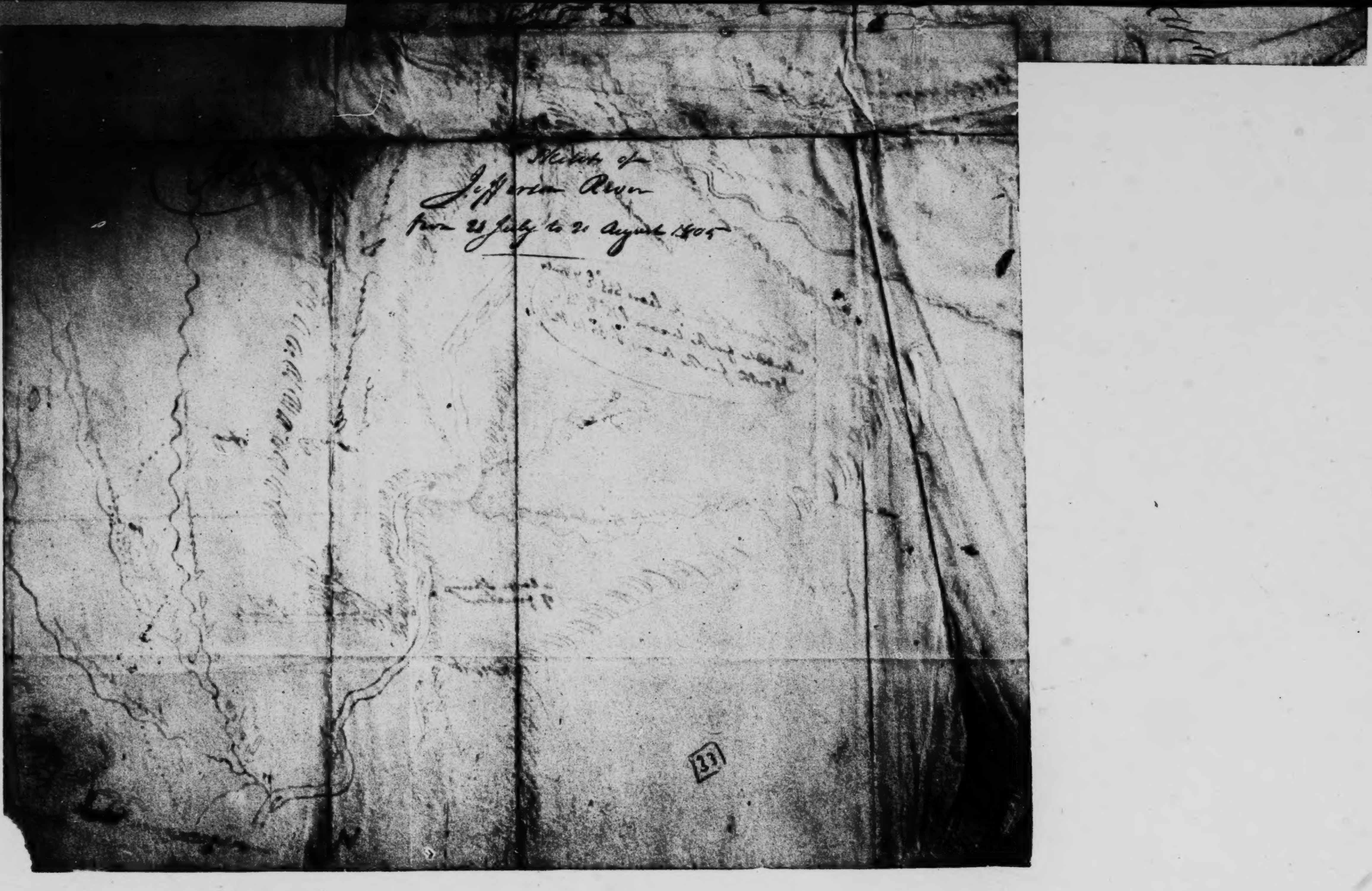
Lat. 46-10-32
21st July

27. Gates of the Rocky Mountains, with camps of July 16–20, 1805.


R Tuts kiluoa Pontha
10
Camped 2d. august
Birth Creek
12
28th
R Fields. Valley Creek
3d mountain gap
Camped 31st July
Capt Clark route
Campd. 30th July
5
Philosophy River
30 yds
90 yards
27th 28th & 29th July
Lat 45-22-34.9
Jefferson
River
Madison

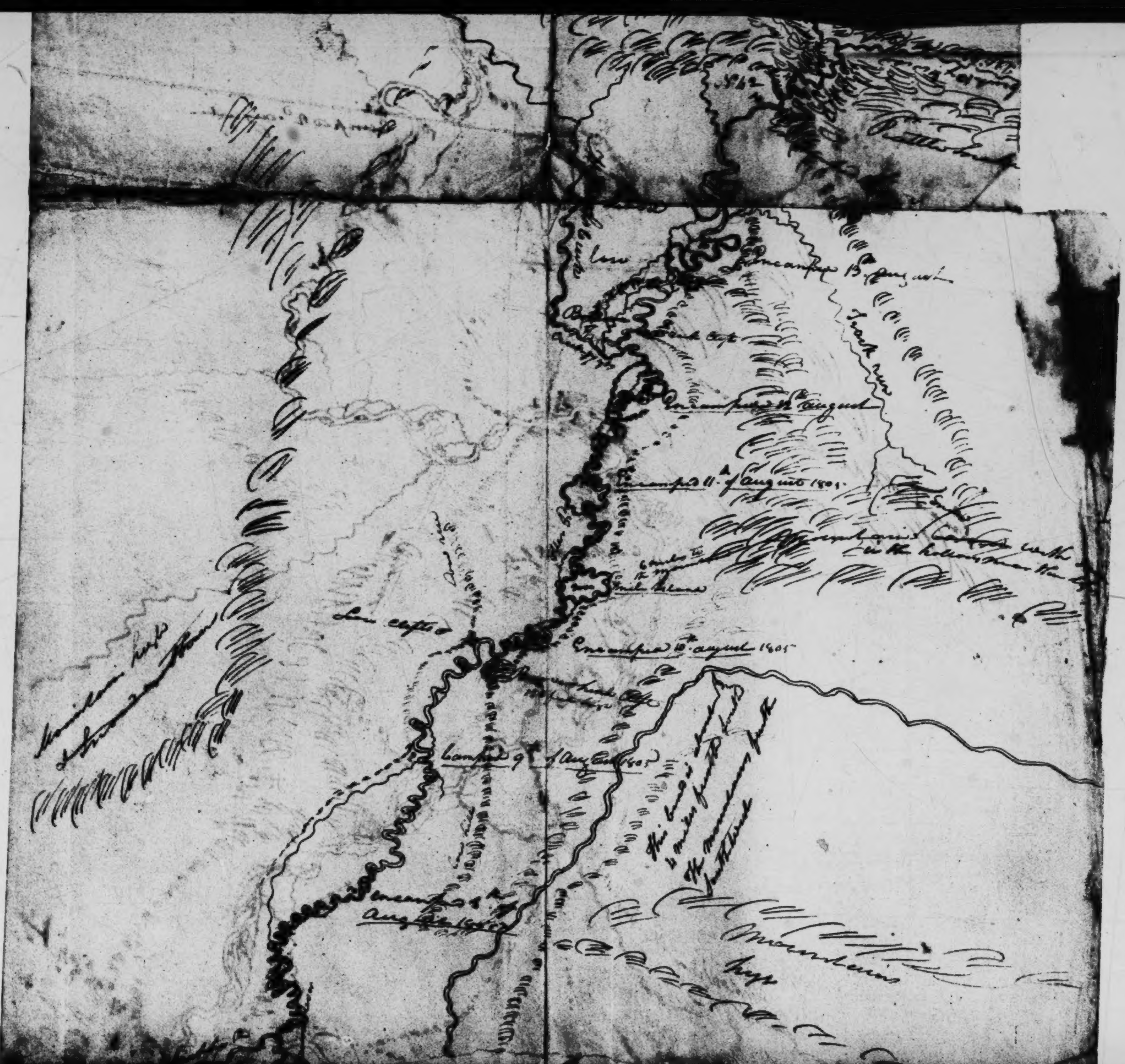


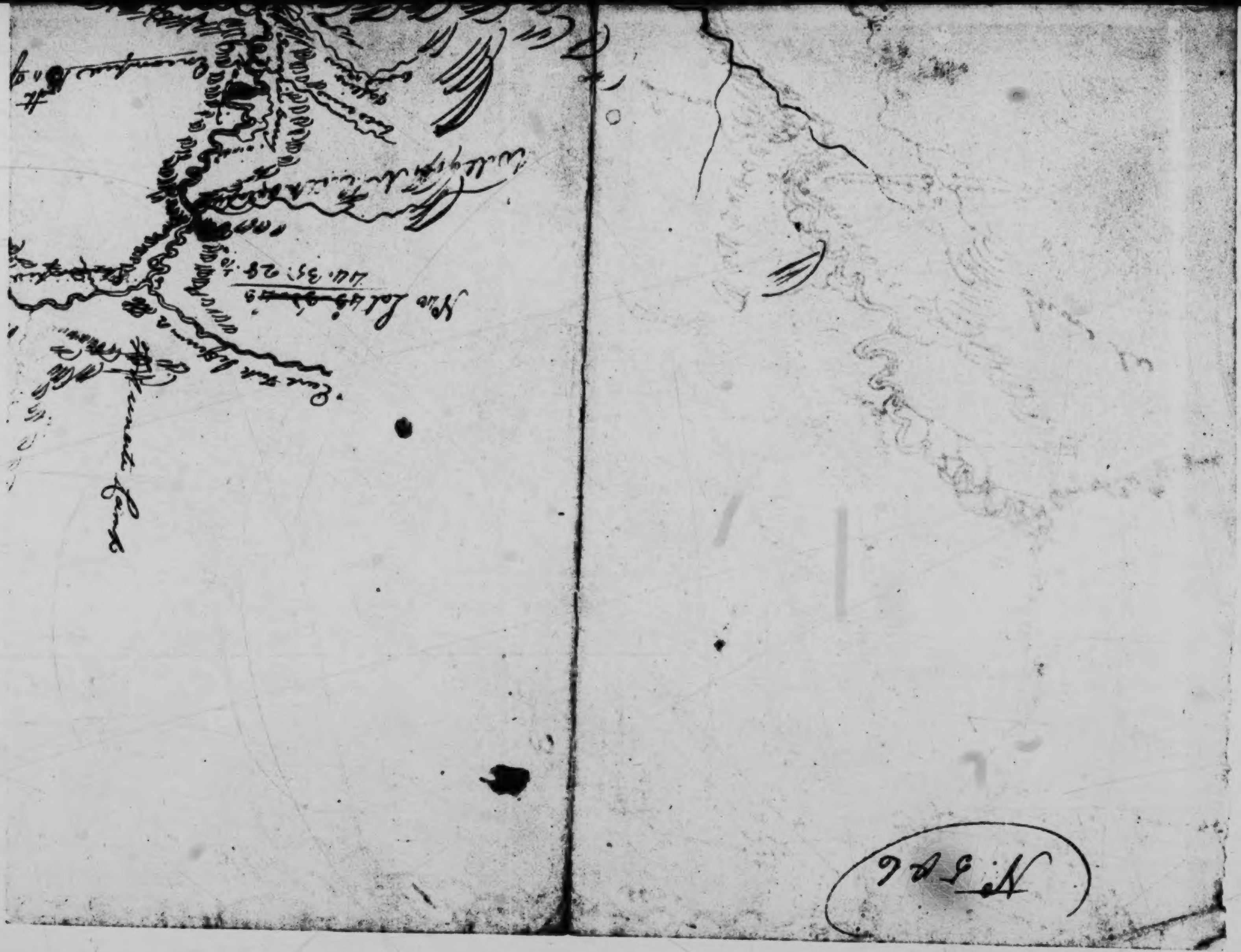
29. Missouri River from Gass's (Hot Springs) Creek to Three Forks; and Jefferson River to Philanthropy (Stinking Water) River—route of July 25-August 7, 1805.



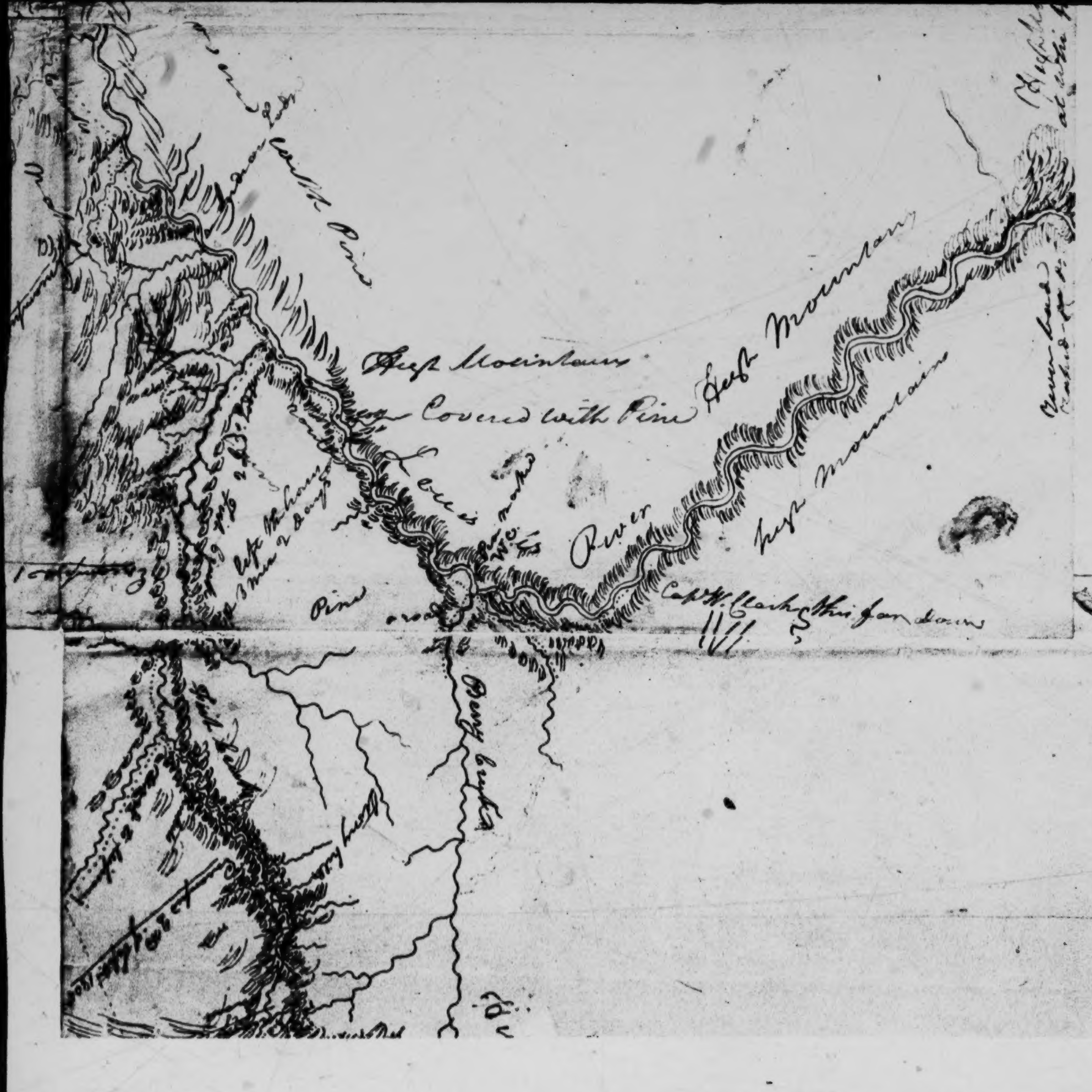
Sketch of
Jefferson River
from 28 July to 21 August 1805

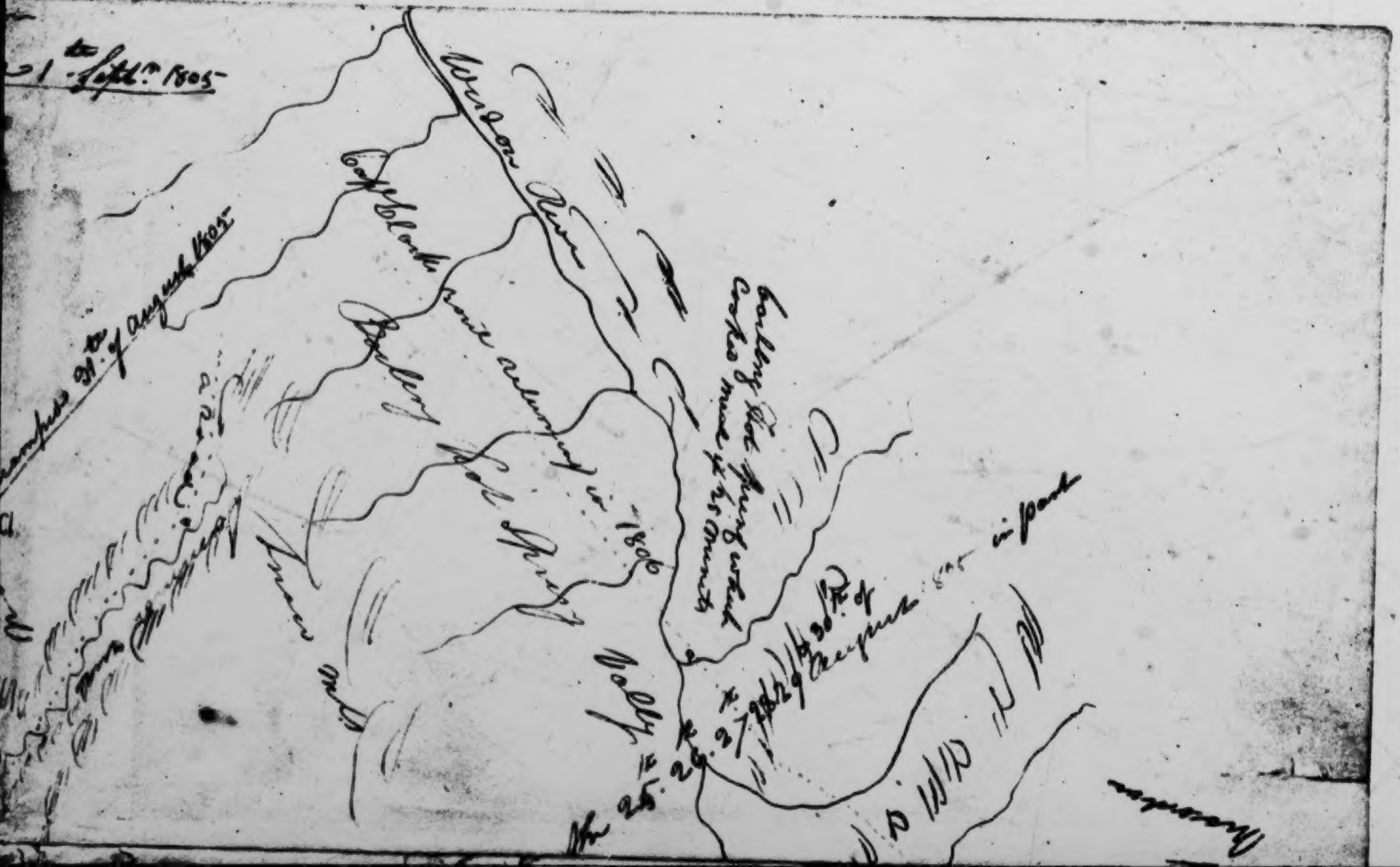
33


Encamped 13th August
Low
Encamped 12th August
Encamped 11th of August 1805
Island
Encamped 10th august 1805
Low clifts
Camped 9th of August 1805
Encamped 8th of August 1805
Mountains
high
mountains high


No. 26
44° 35' 28"

29A. Jefferson River from Philanthropy to the Forks—the route of August 8-20, 1805.

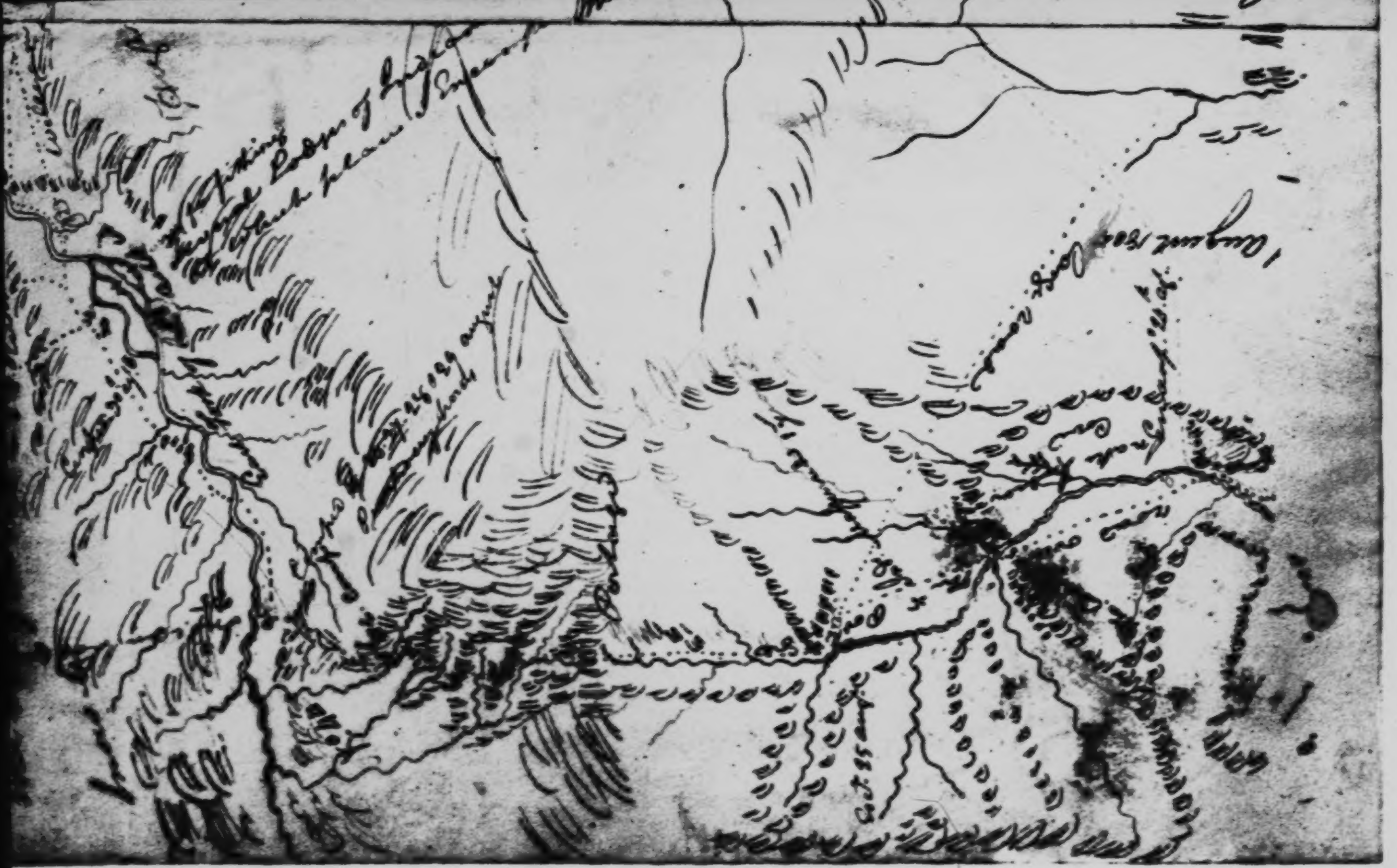

Steep Mountains
Covered with Pine
Lewis's River
Steep Mountain
Steep Mountains
Capt. W. Clark this far down
Pine
left the horses 3 miles 2 days
Berry creek
Stony hills
Covered with Pine



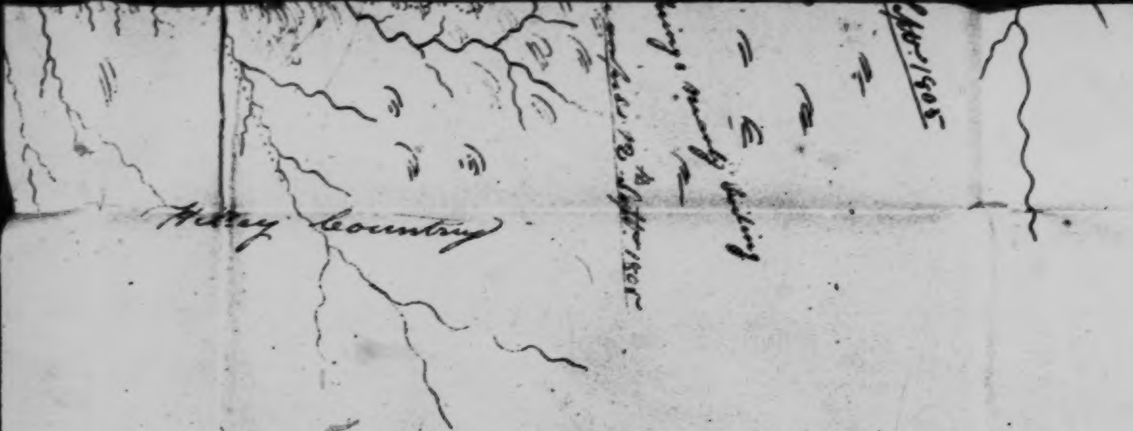
to 1 Septr. 1805
Encampments 31st of August 1805
Wisdom River
Capt Clarks route returning in 1806
Boiling Hot Spring
Boiling Hot Spring which cooks meat in 25 Minutes
Valley
the 25th 26 27 28 29 30th of August 1805 in part

Rocky Mountains

30. " From Jeffersons River to the Forks of Kooskoosk
the 25th of August to the 9th of Oct
This map is of especial importance, as showing the route o
Part I.

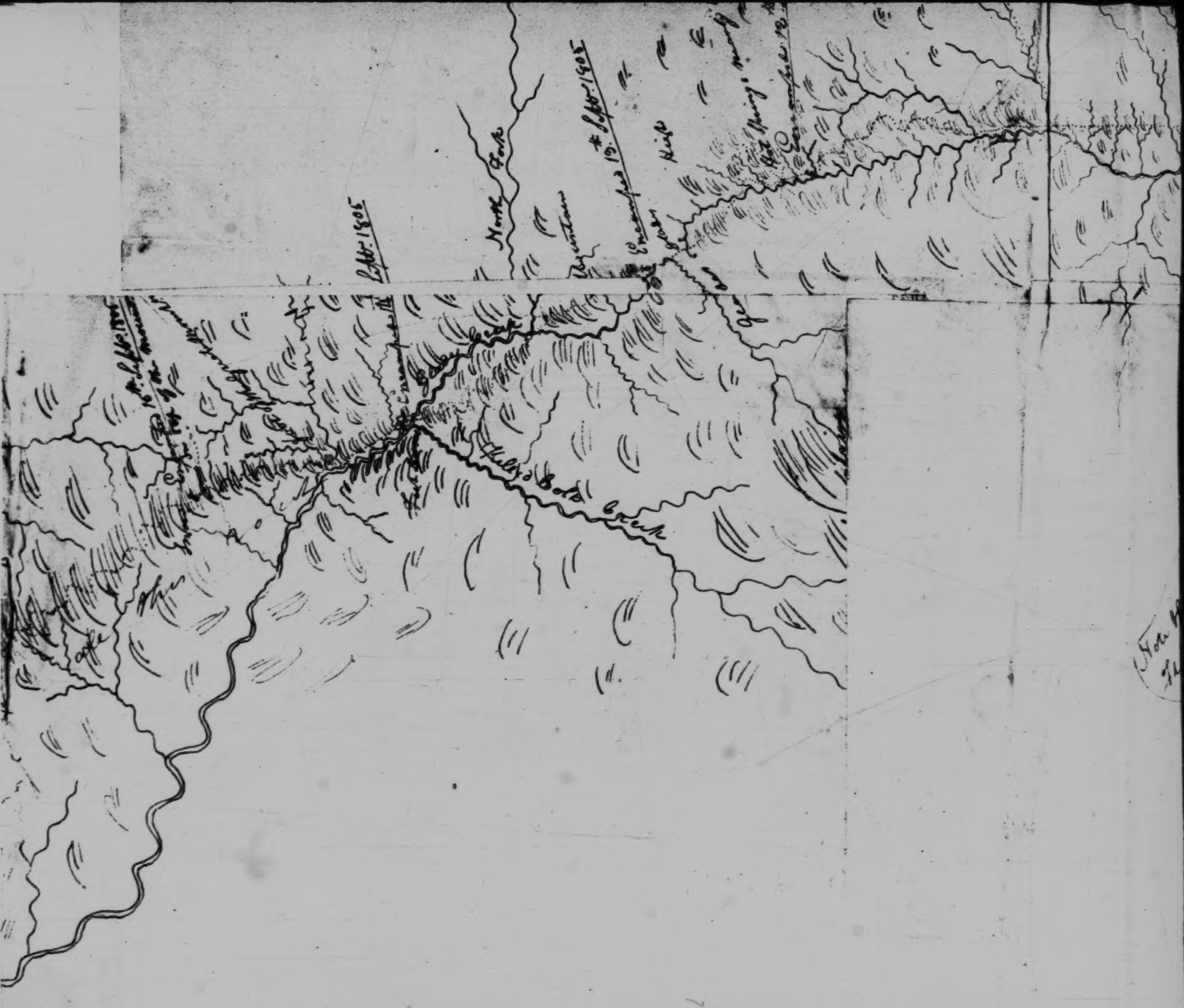


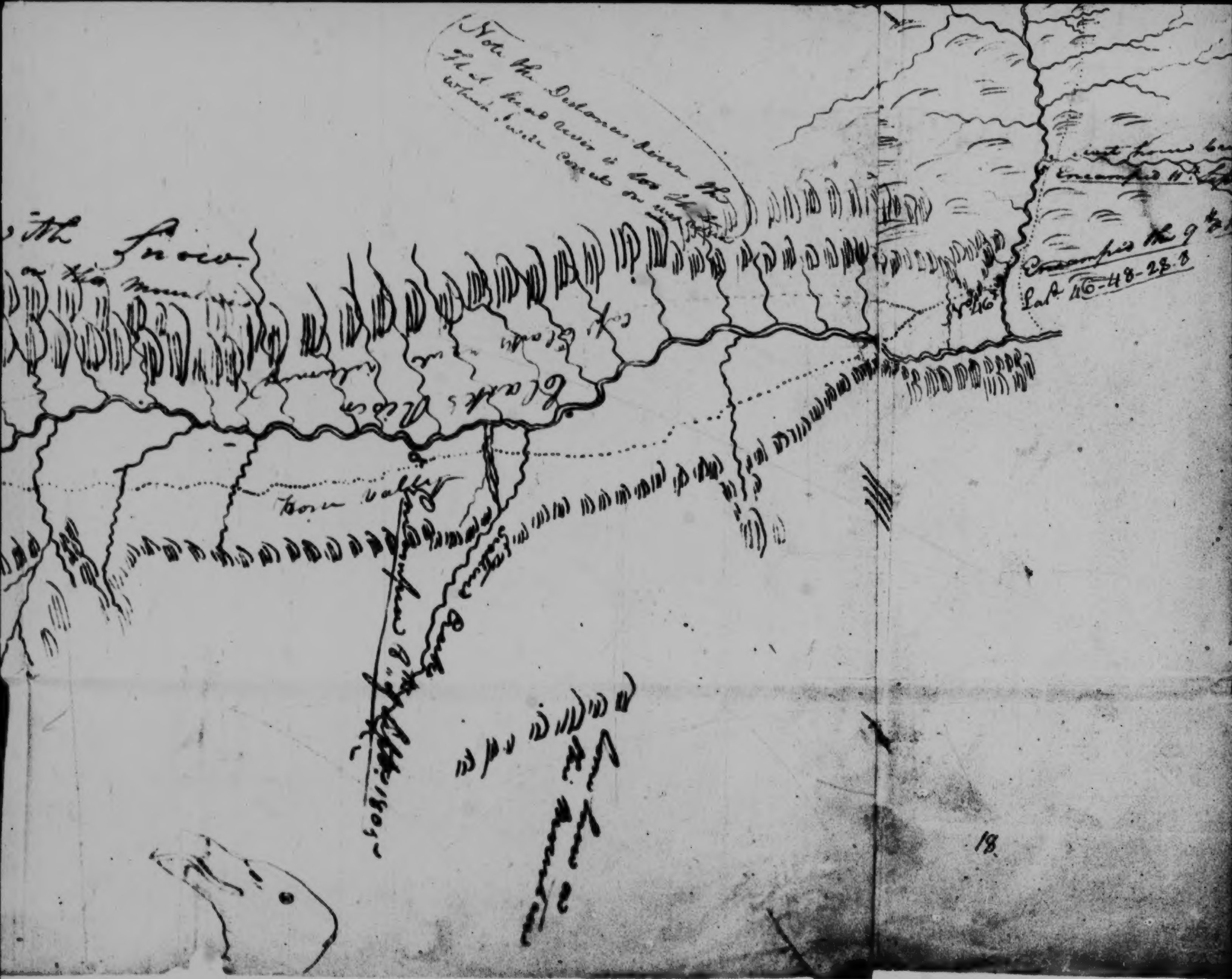
ooskooske over the Rocky Mountains from
h of October, 1805."
e route over the divide, heretofore in doubt.


Hilly Country
Septr 1805
ing
ing
18th Septr 1805

int horses back
ncamped 11th Septbr

mped the 9th & 10th of Septr 1805 and 1st and 2d July 1806 returning
6-48-28.8


North Fork
Mountain
Sept 1805
Encamped 19th Sept 1805
High
Hot Spring
Creek
Creek

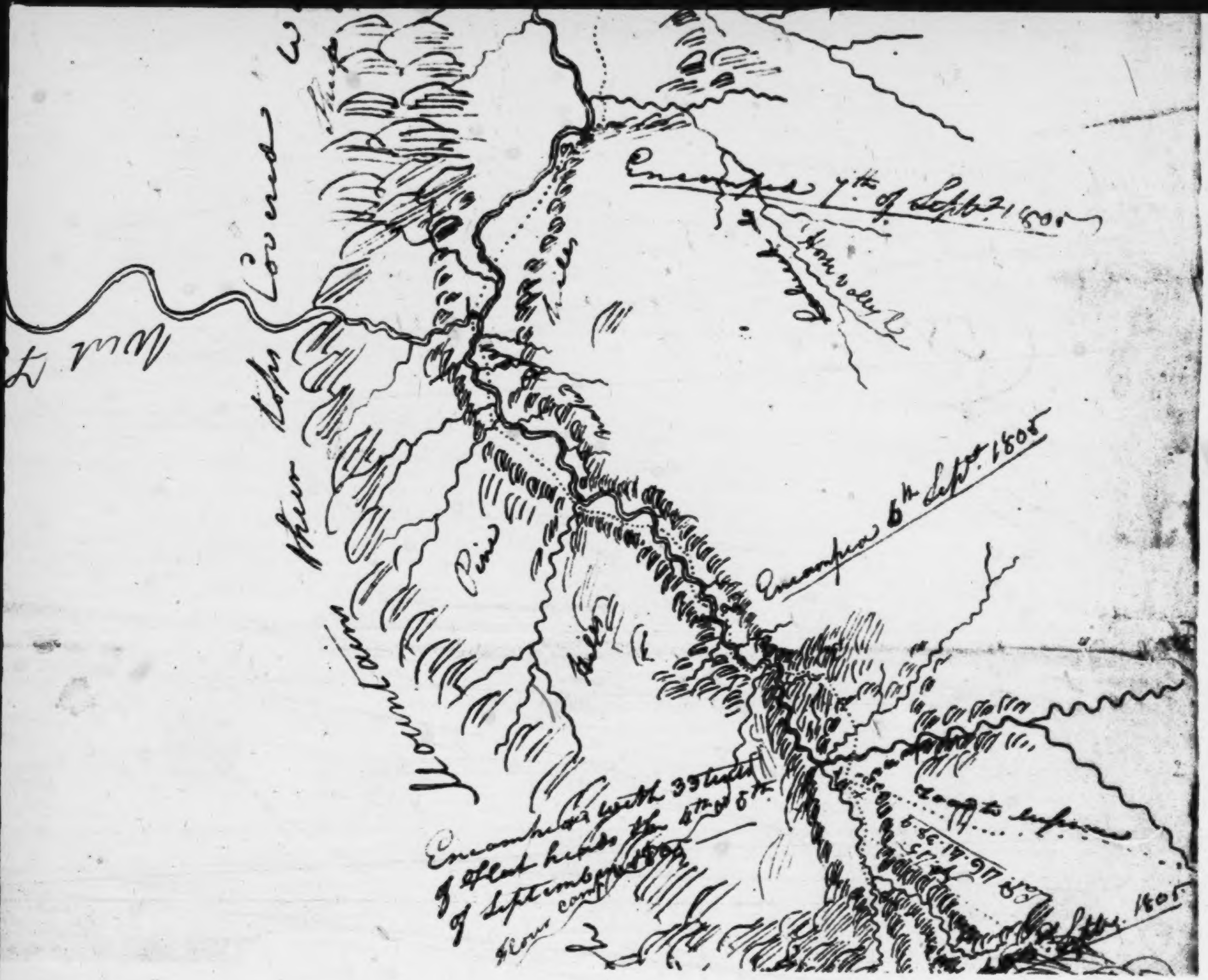

the Snow
on the Moun
Note the Distances given the
Flat head river is too great
which I will correct on my
Clark's River
Horse valley
Encampment 8th of Sept. 1805
Scattering Creek
Snow lies on the Mountains
Encamped the 9th & 10
Lat. 46-48-28.8
Encamped 11th

Fork of Clarks River

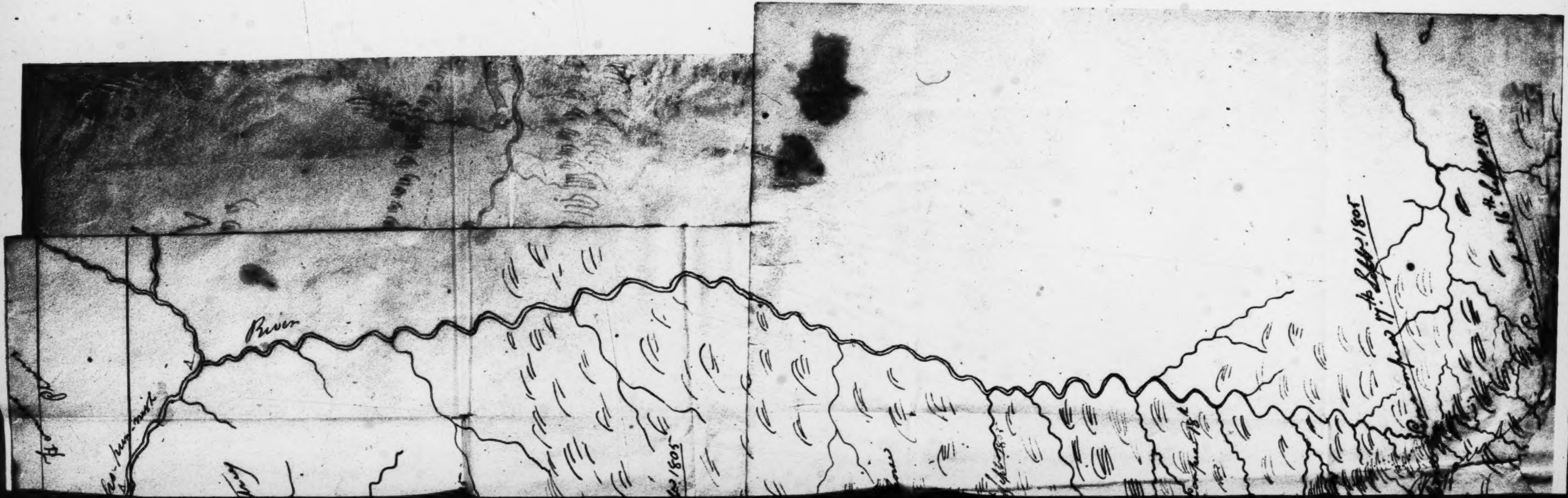
30. "From Jeffersons River to the Forks of Kooskooske over the Rocky Mountains from the 25th of August to the 9th of October, 1805."

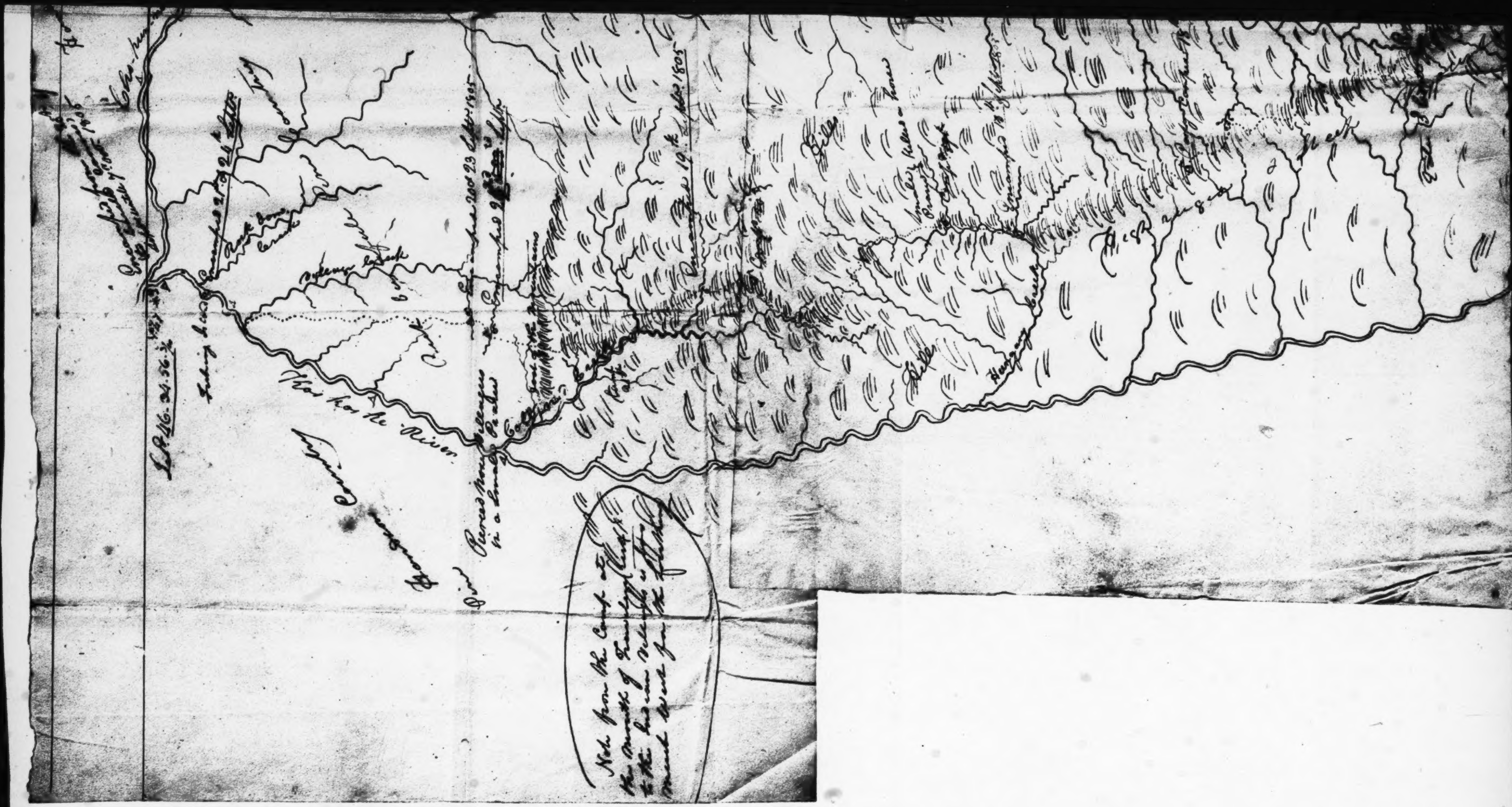
This map is of especial importance, as showing the route over the divide, heretofore in doubt.

Part II.

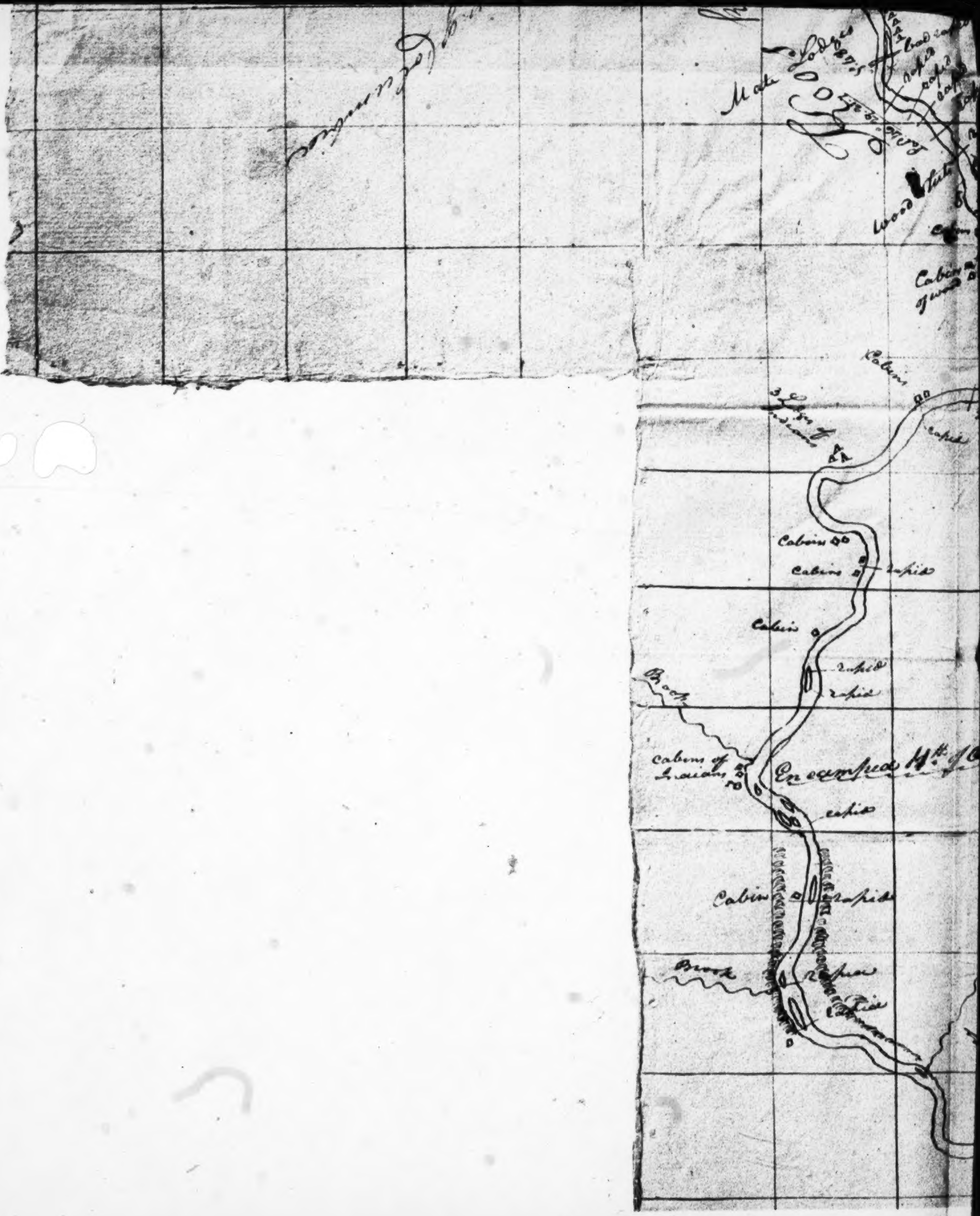

Mountains their tops covered w
Encamped 7th of Septr. 1805
Horse valley
Encamped 6th Septr. 1805
Pine
Creek
Encamped with 33 lodges of flat heads the 4th and 5th of September 1805
Road to
Ross
Septr. 1805

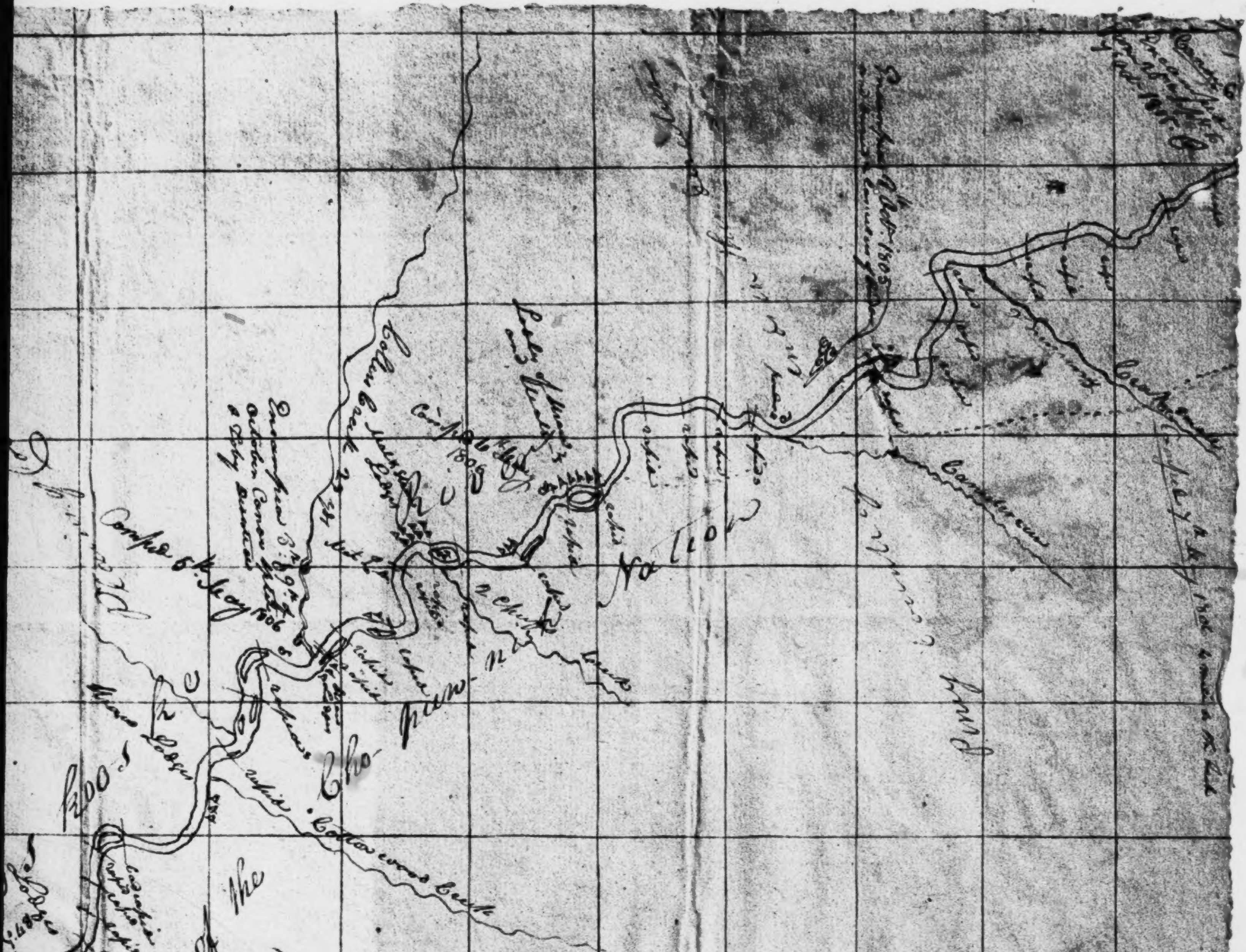
30
Part II.

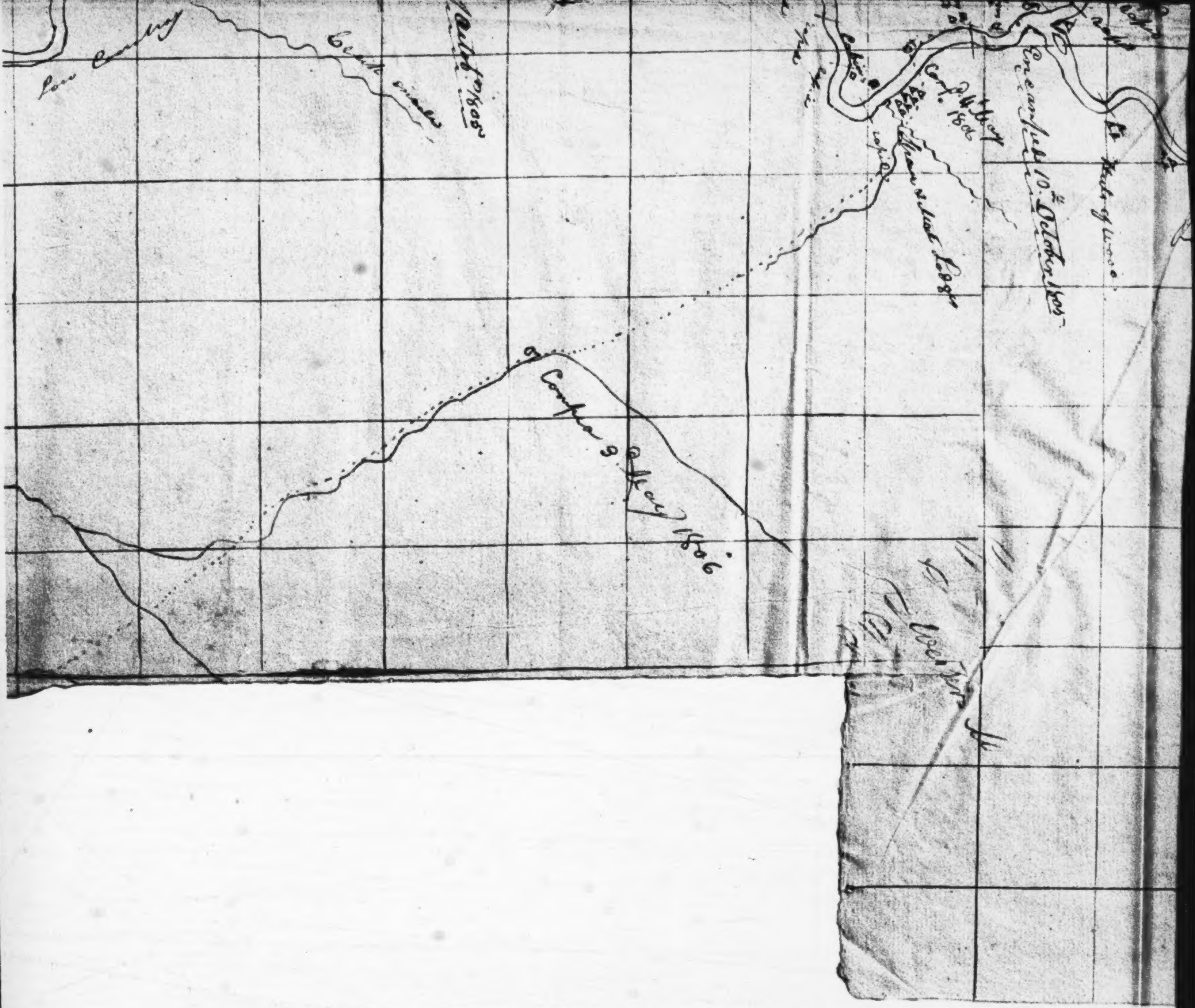

River
Encamped 17th Sept. 1805
16th Sept. 1805
1805


Koos koos ke River
Hungery Creek

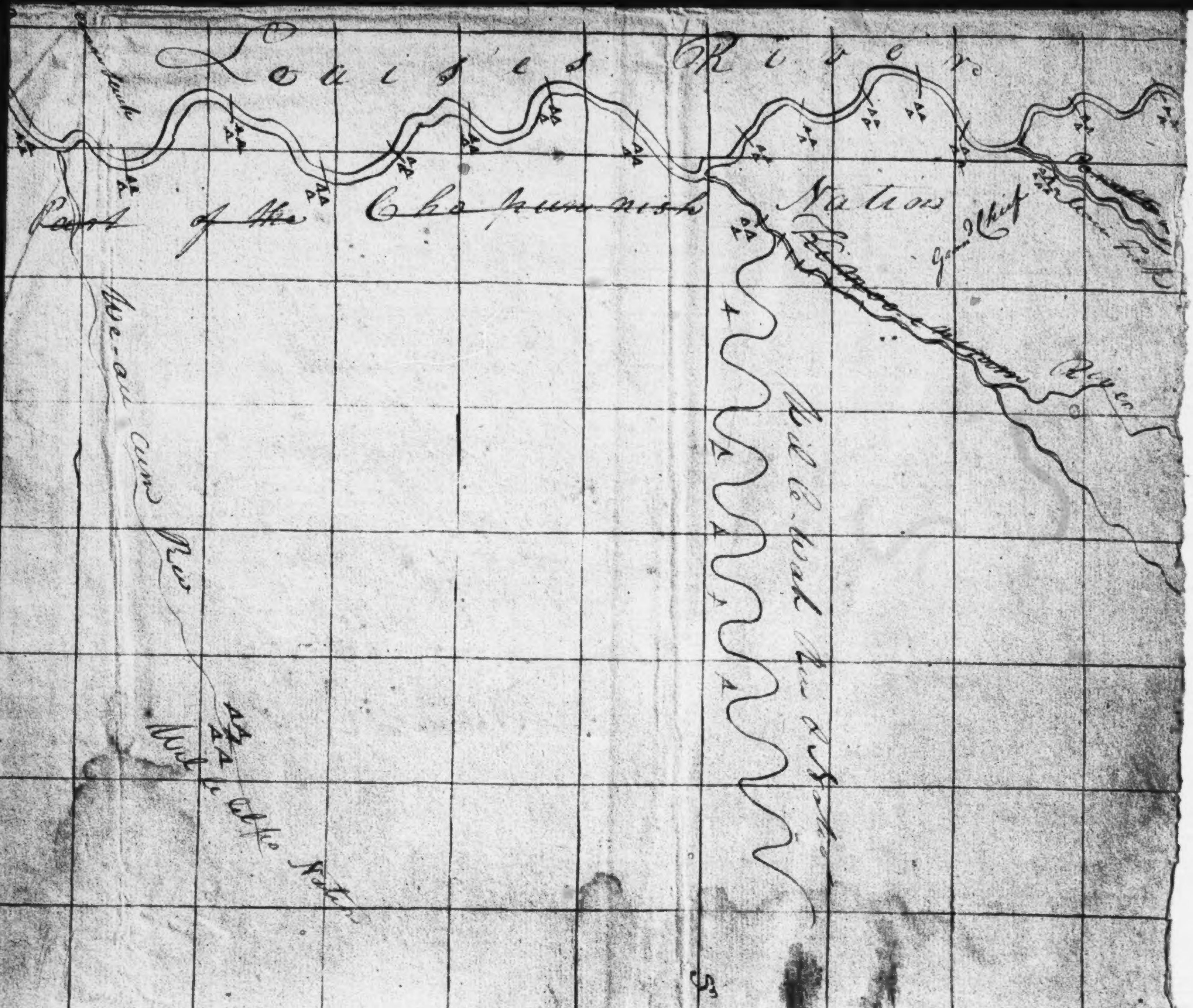
30. "From Jeffersons River to the Forks of Kooskooske over the Rocky Mountains from the 25th of August to the 9th of October, 1805."
This map is of especial importance, as showing the route over the divide, heretofore in doubt.
Part III

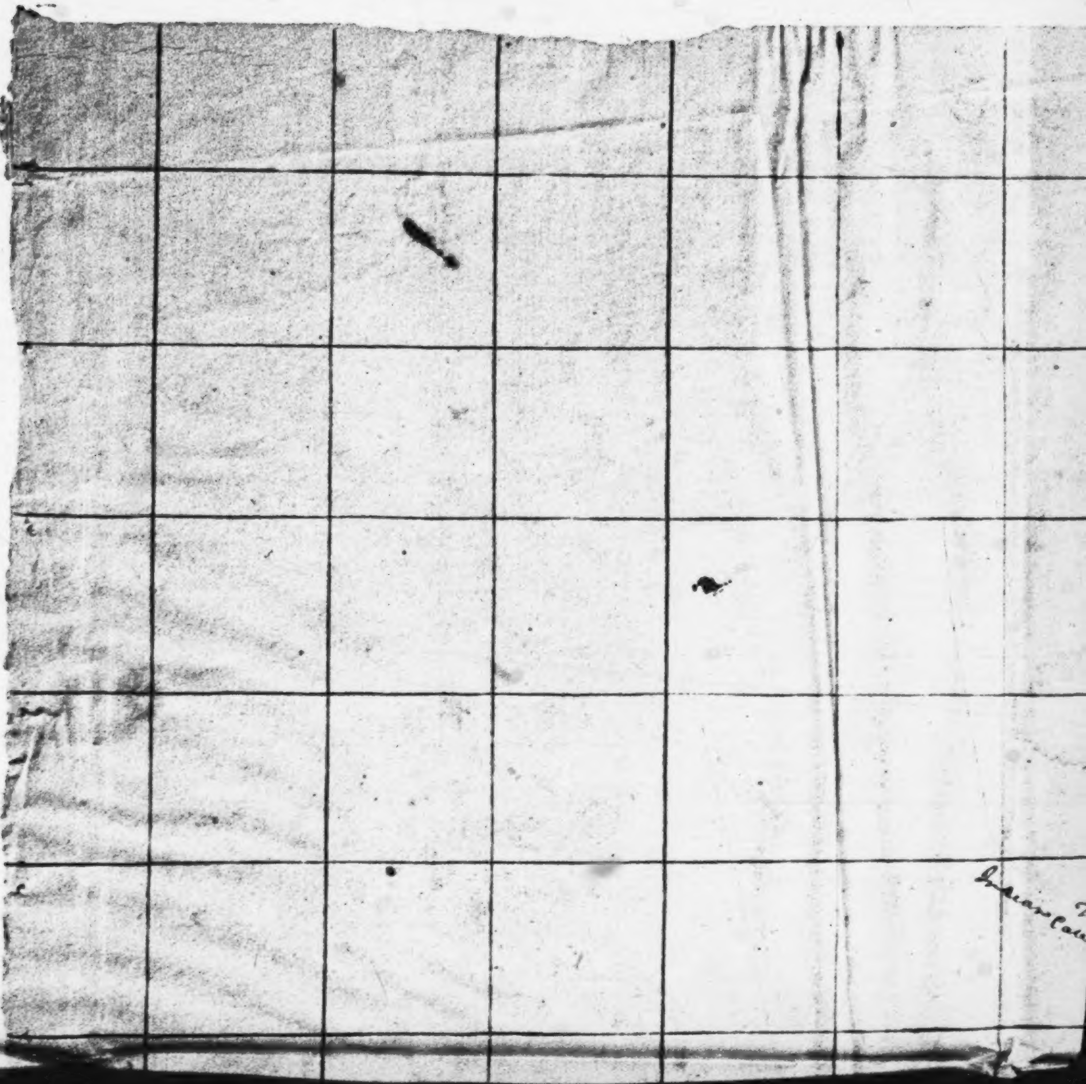

Columbia
Mate Lodges
bad rapid
rapid
rapid
rapid
Wood Flats
Cabin
Cabin of wood
Cabins
3 Lodges of Indians
rapid
Cabins
Cabins
rapid
Cabin
rapid
rapid
Brook
Cabins of Indians
Encamped 14th of O
rapid
Cabin
rapid
Brook
Rapid
Rapid


Camped 6th May 1806
Cho-pun-nish Nation
Colters Creek
Cotton wood Creek
Encamped 7th Octr 1805
Part of the
upper
Land
1806
rapid
rapid

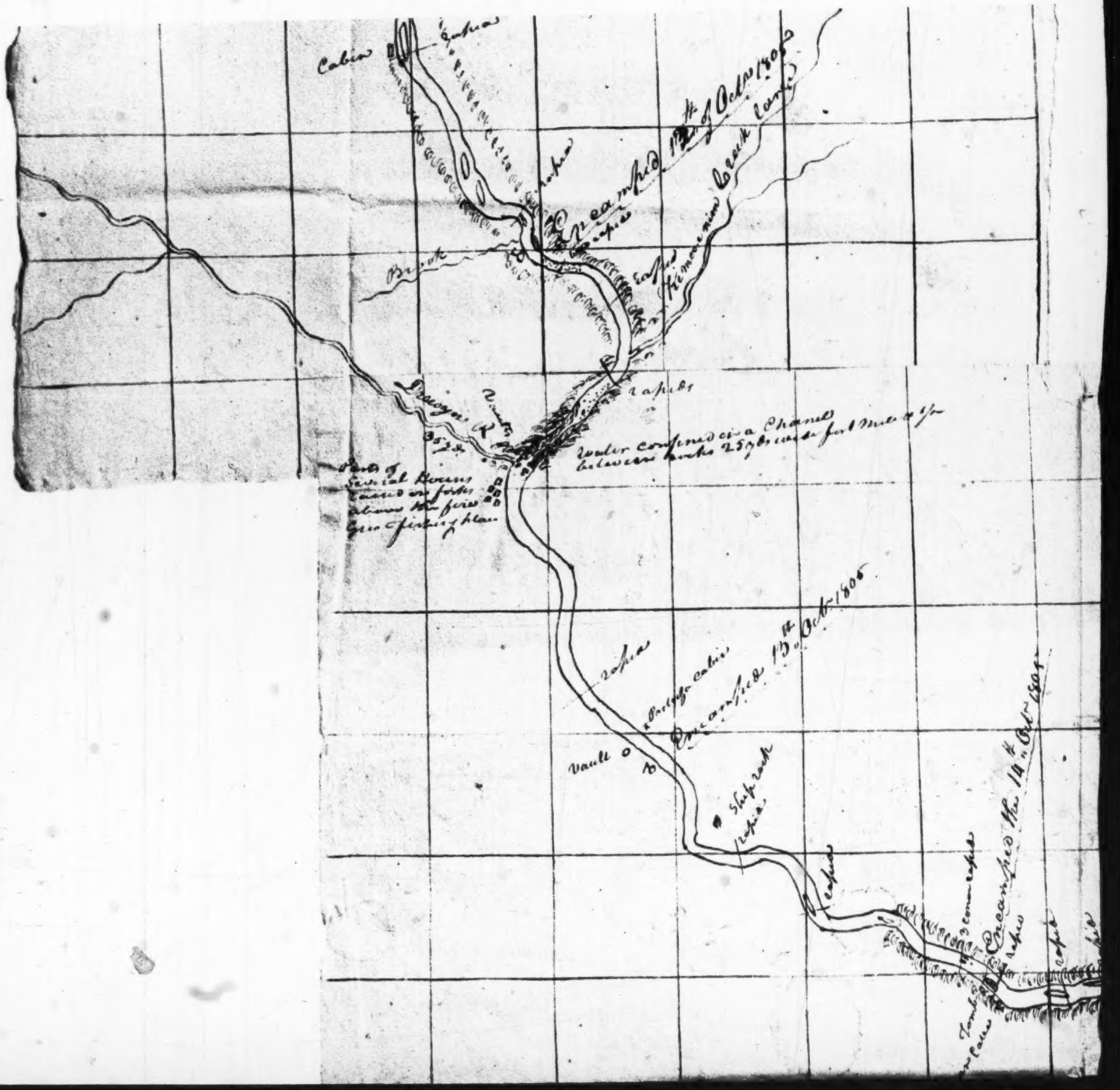

Low Country
Camp 4th May 1806
Encamped 10th October 1805
Camp 9th May 1806

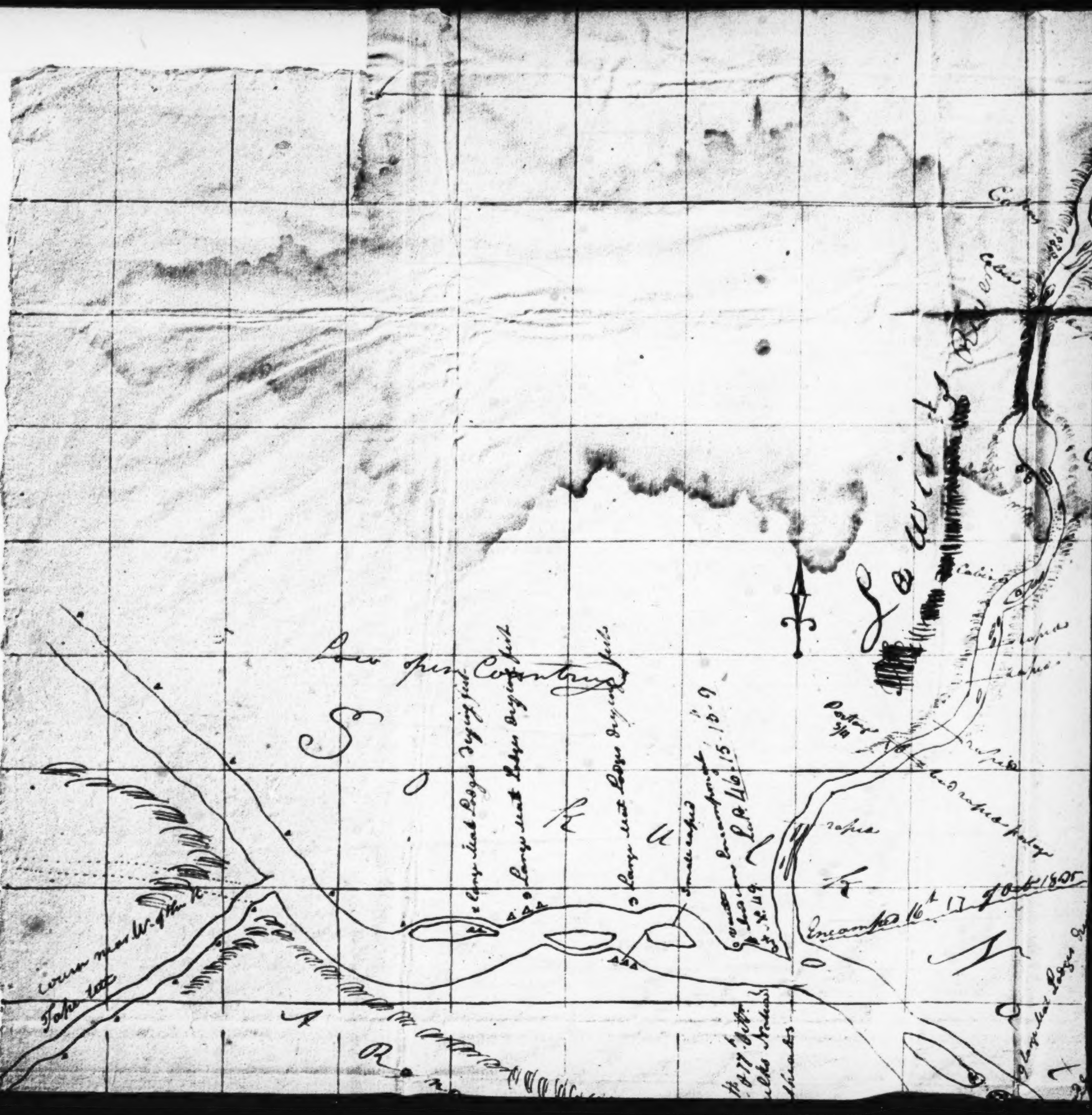
31. The Kooskooskee, Lewis's (Snake), and upper reaches of Columbia rivers, showing route from the launching of canoes October 7-October 19, 1805.
Part I.

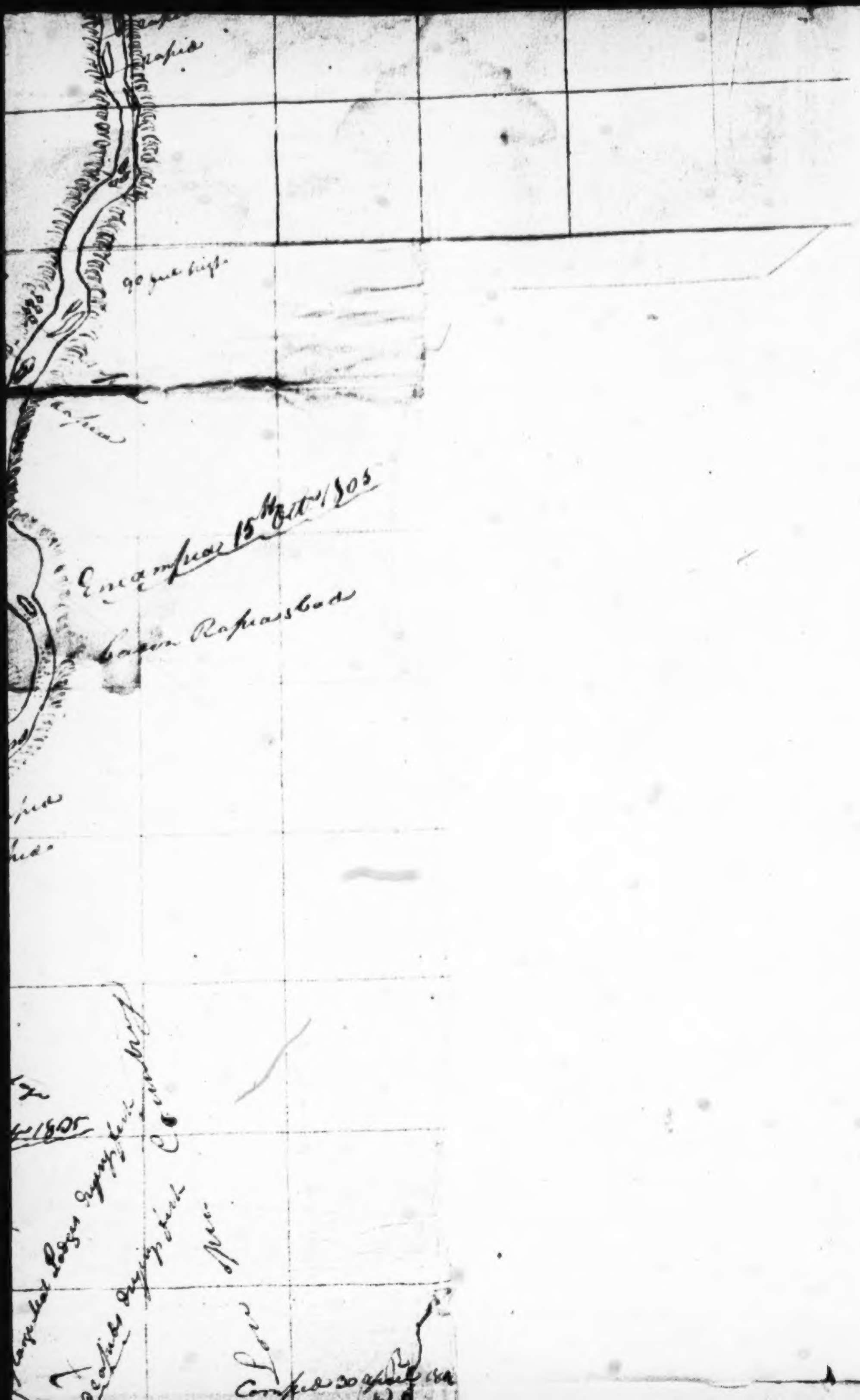

Louis's River
Part of the Cho-pun-nish Nation
Ki-moo-e-nim River
Grand Chief
We-ark-cum River
Wil le wah Riv & Natn

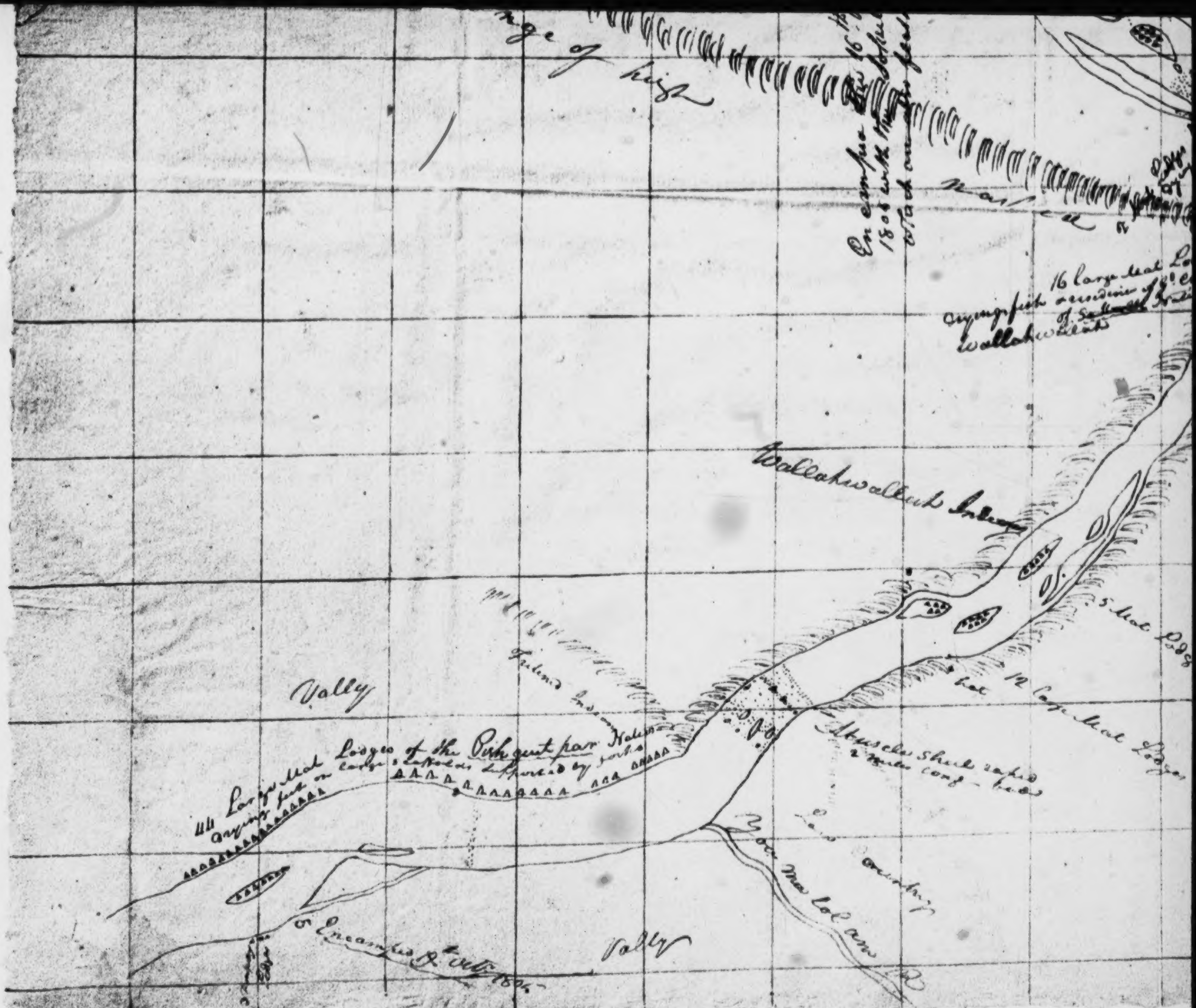


Indian Cou

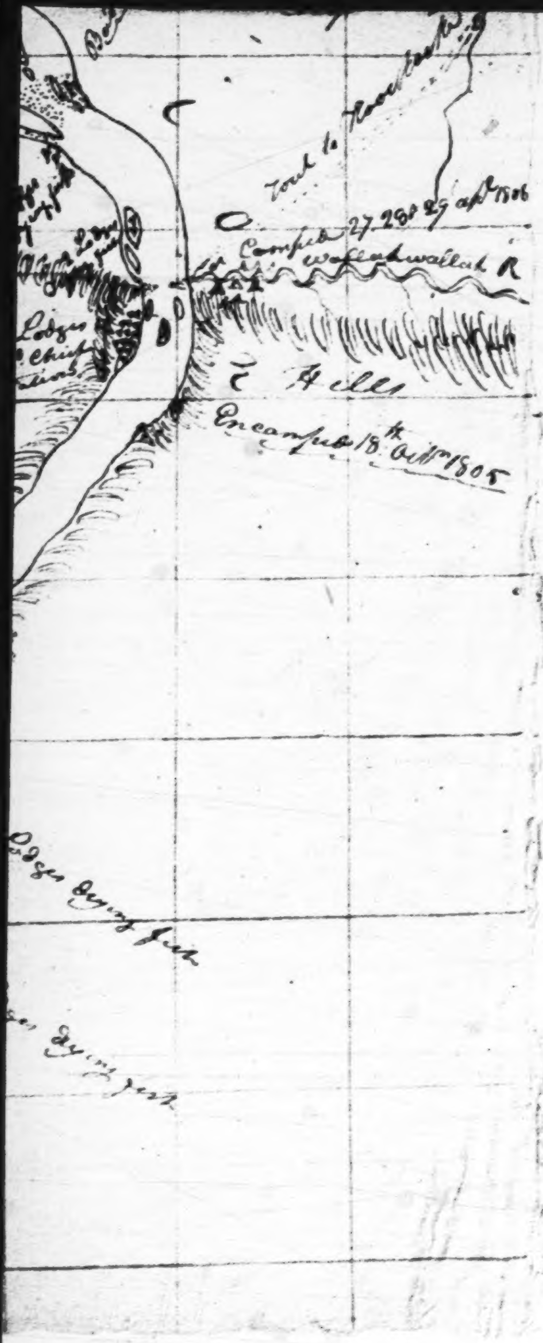

Cabin
Indians
rapid
Brook
Encamped 12th of Octr 1805
rapid
Kimooenim Creek Camp
rapid
Drewyer's R
35 yds
rapids
2 rapids
Water confined in a Channel between rocks 25 yds wide for 1 Mile & 1/2
Parts of Several Houses raised on scaffolds above the fire Great fishing place
rapid
Portage cabins
Encamped 13th Octr 1805
Vault
Ship rock
rapid
rapid
3 comn rapids
Encamped the 14th Octr 1805
rapid
Tomb
Cabins
rapid
rapid

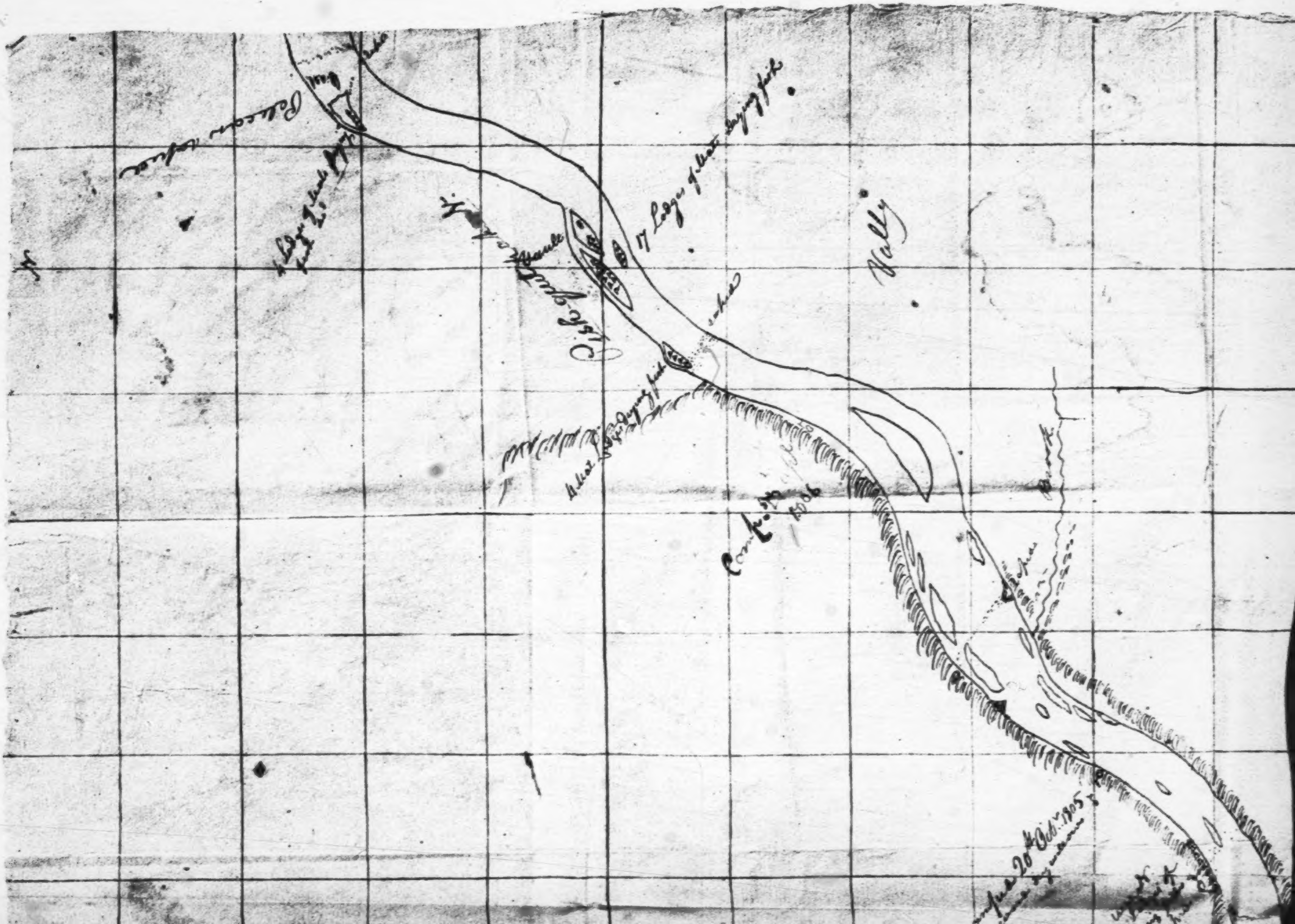
Low open Country
S O
Lewis River
Cabin
Cabin
Cabin
rapid
rapid
Portage 3/4
rapid
bad rapid & portage
rapid
Encamped 16th 17 of Oct 1805
N
2 Large Mat Lodges drying fish
Large Mat Lodges drying fish
Large Mat Lodges drying fish
Small rapid
Encampment Lat 46. 15. 13. 9
Course near W. of the R
Tapetett
A R
Large Mat Lodges


Rapid
90 feet high
Encamped 15th Octr 1805
Rapids bad
1805
Lodges
Camped 30 April 180


ge of high
Encamped 16th
1805 with the Sokulk
of each
marsh
16 large Mat Lo
drying fish a residence of 1st C
of Sokulk Nati
Wallahwallahs
Wallahwallah Indians
5 Mat Lodges
Mat
12 Large Mat Lodges
Struscles Shoal rapid
2 miles long - bad
Low country
Yoo ma lol am
Vally
44 Large Mat Lodges of the Pishquitpah Nation
drying fish on Scaffolds supported by forks
Indians
5 Encamped 18th Octr 1805
Vally

31. The Kooskooskee, Lewis's (Snake), and upper reaches of Columbia rivers, showing route from the launching of canoes October 7-October 19, 1805. Part II.


Road to Kooskooske R
Camped 27. 28 & 29 apl 1806
Wallahwallah R
Hills
Encamped 18th Octr 1805
Lodges
Chief
Lodges drying fish
ges drying fish


17 Lodges of Indians drying fish
Valley
4 Lodges of Indians drying fish
Camped 20th Octr 1805

5

Encamp

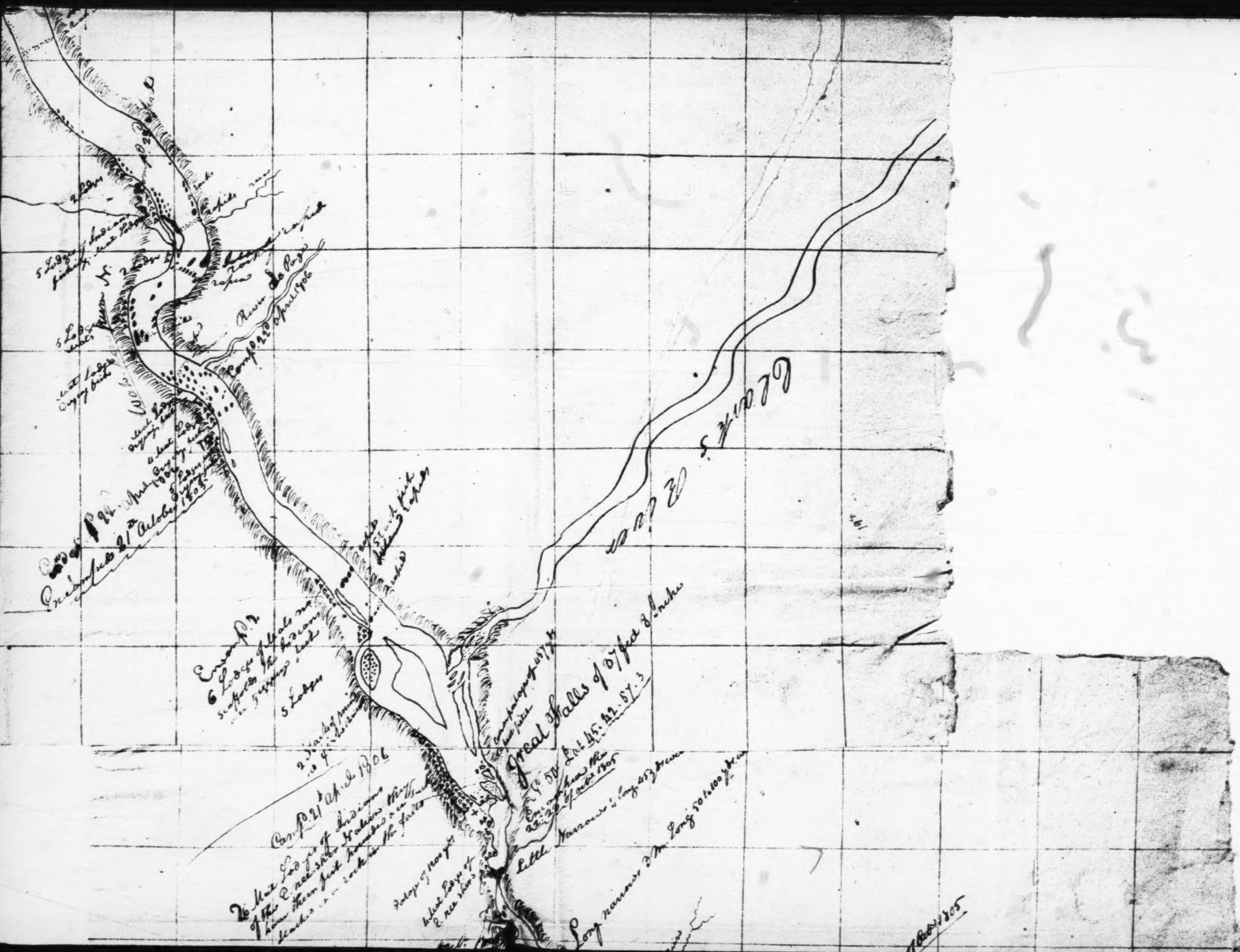
Met conv. w

Flint

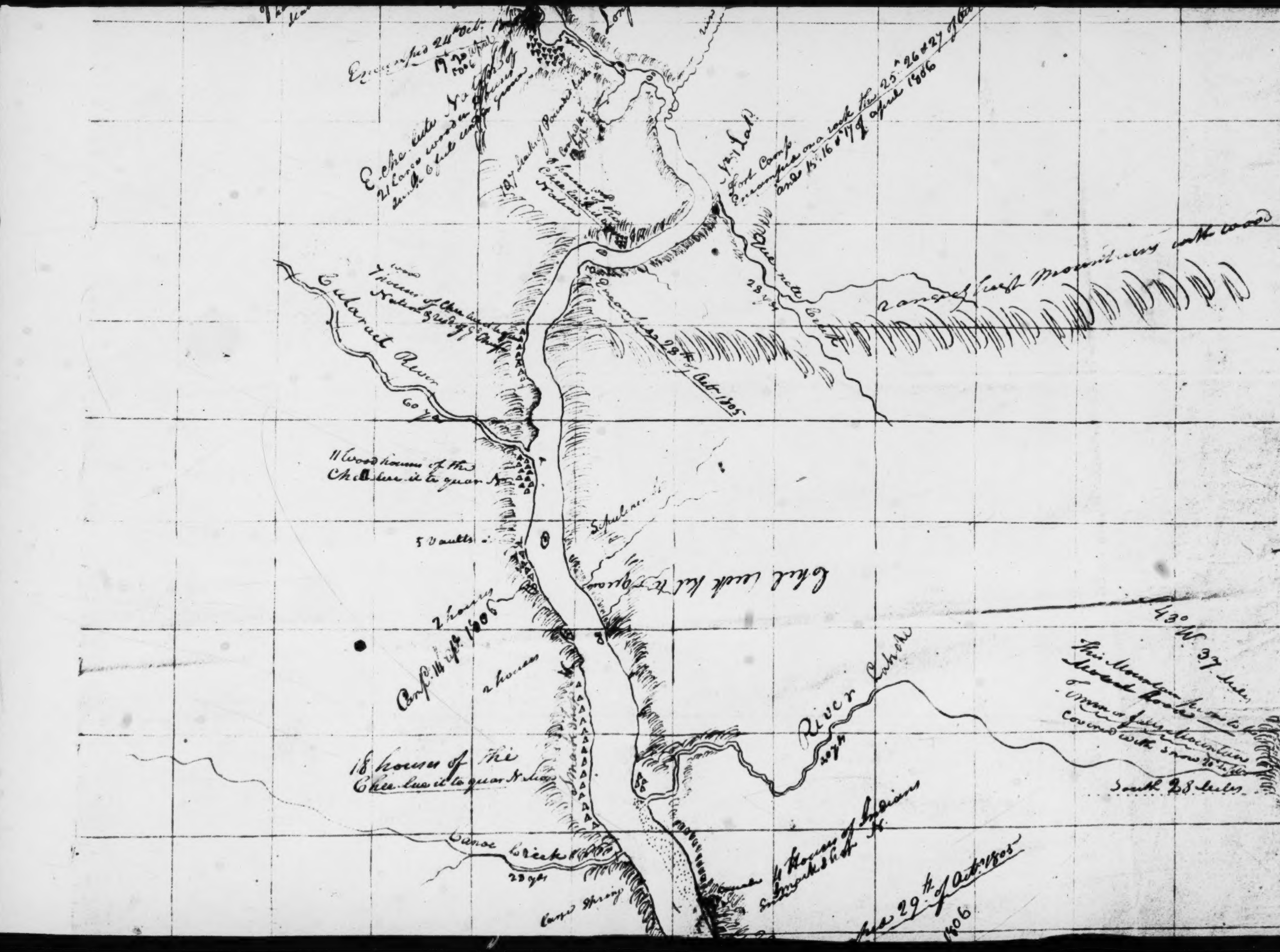
for Spring

Comp 24 A. apr

Fr

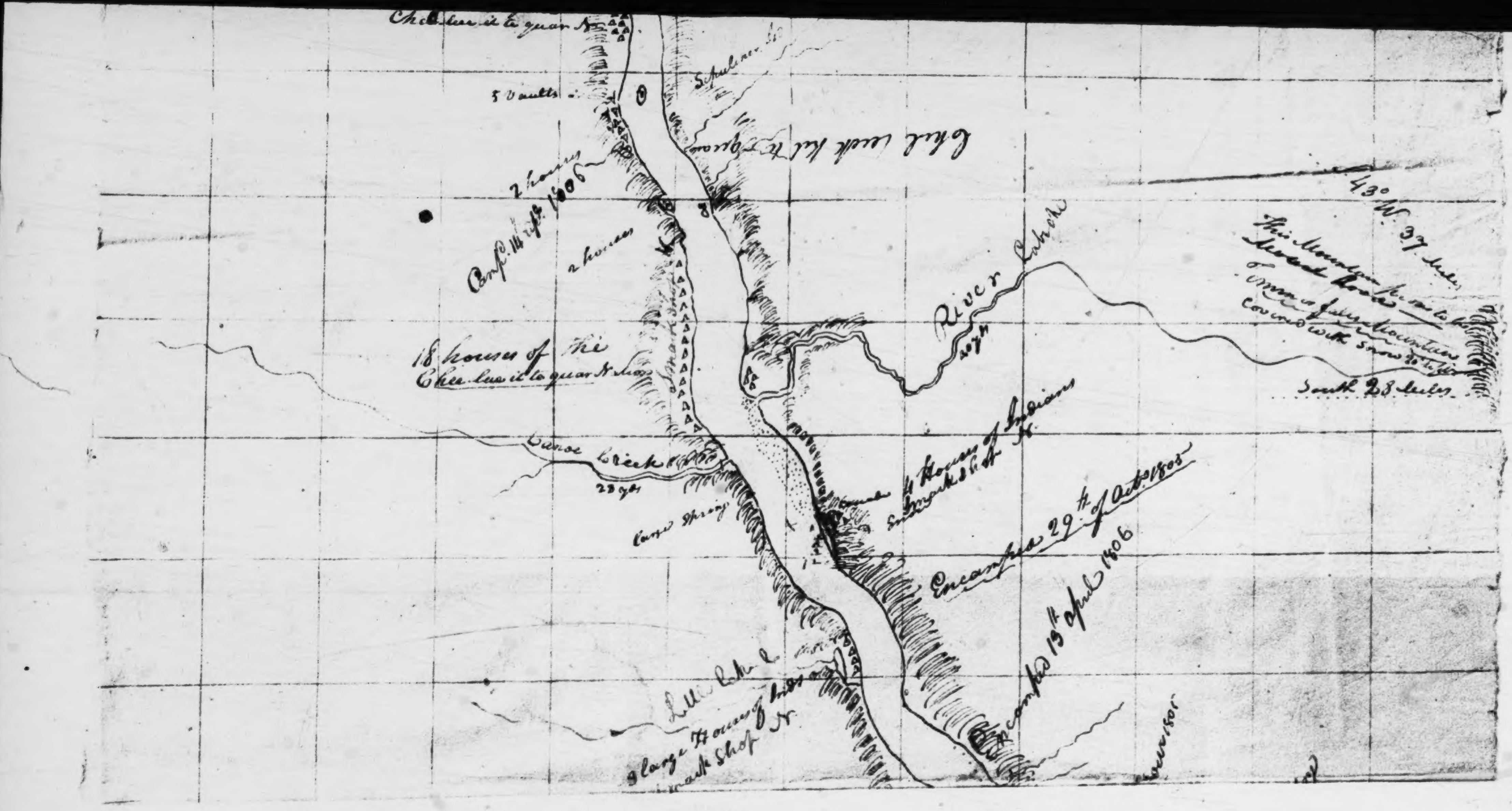

5 Lodges of Indians fishing
2 Lodges
rapids
Rock rapid
River La Page
Camp 22d April 1806
5 Lodges
Wah
Camp 22d April 1806
Encamped 21st October 1805
Clark's River
Encamp 2
6 Lodges of Mats
scaffolds the Indians
5 Lodges
Great Falls of 37 feet 8 inches
Lat 45° 42' 57".3
Encamped here the 22 & 23 of Octr 1805
Camp 21st April 1806
26 Mat Lodges of Indians of the E-nee-shur Nation
Little Narrows
Long narrows 3 m. Long 50 to 100 yds wide

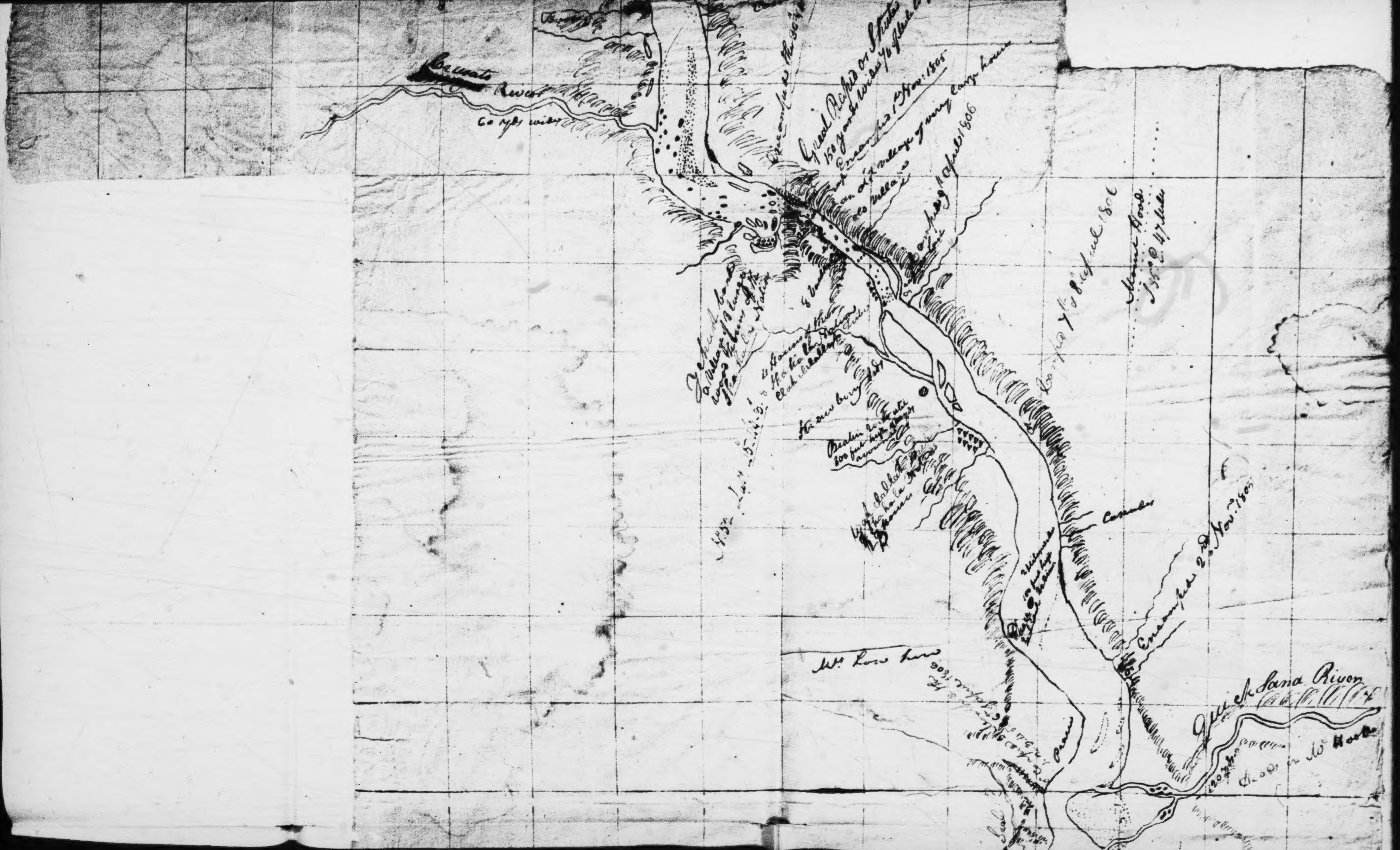
32. "Sketch of the Columbia River from the forks, & the 19th of October 1805 to the
1st of Jany on the Pacific Ocean." The map also indicates camping
places on the return journey, in April, 1806.
Part I.

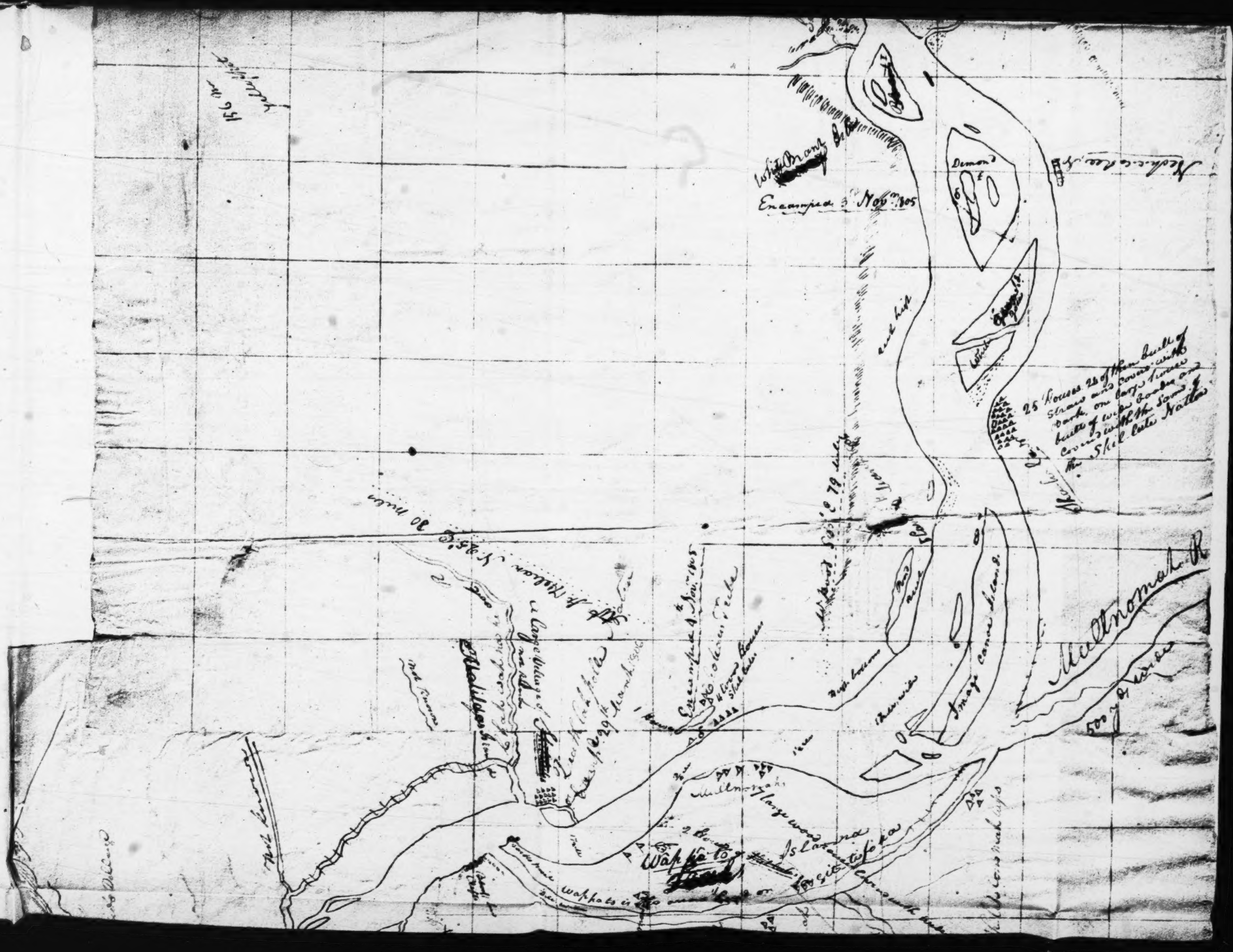

Encamped 24th Oct. 1805
19 April 1806
E-che-lute
21 Canoes wooden
1st Lat.
Fort Camp
Encamped on a rock the 25th 26 & 27 of Oct.
and 15. 16 & 17 of April 1806
7 houses of the
Nation
Cataract River
60 yds
28 yds
Creek
range of high mountains with wood
Encamped 28th of Oct. 1805
11 wood houses of the
Chilluckittequaw N.
5 vaults
Camp 16th April 1806
2 houses
2 houses
18 houses of the
Chilluckittequaw Nation
River Lahcotte
20 yds
430
W. 37 miles
This Mountain
covered with snow
South 28 miles
Canoe Creek
28 yds
Cruzatt Spring
11 Houses of Indians
Encamped 29th of Oct. 1805
1806

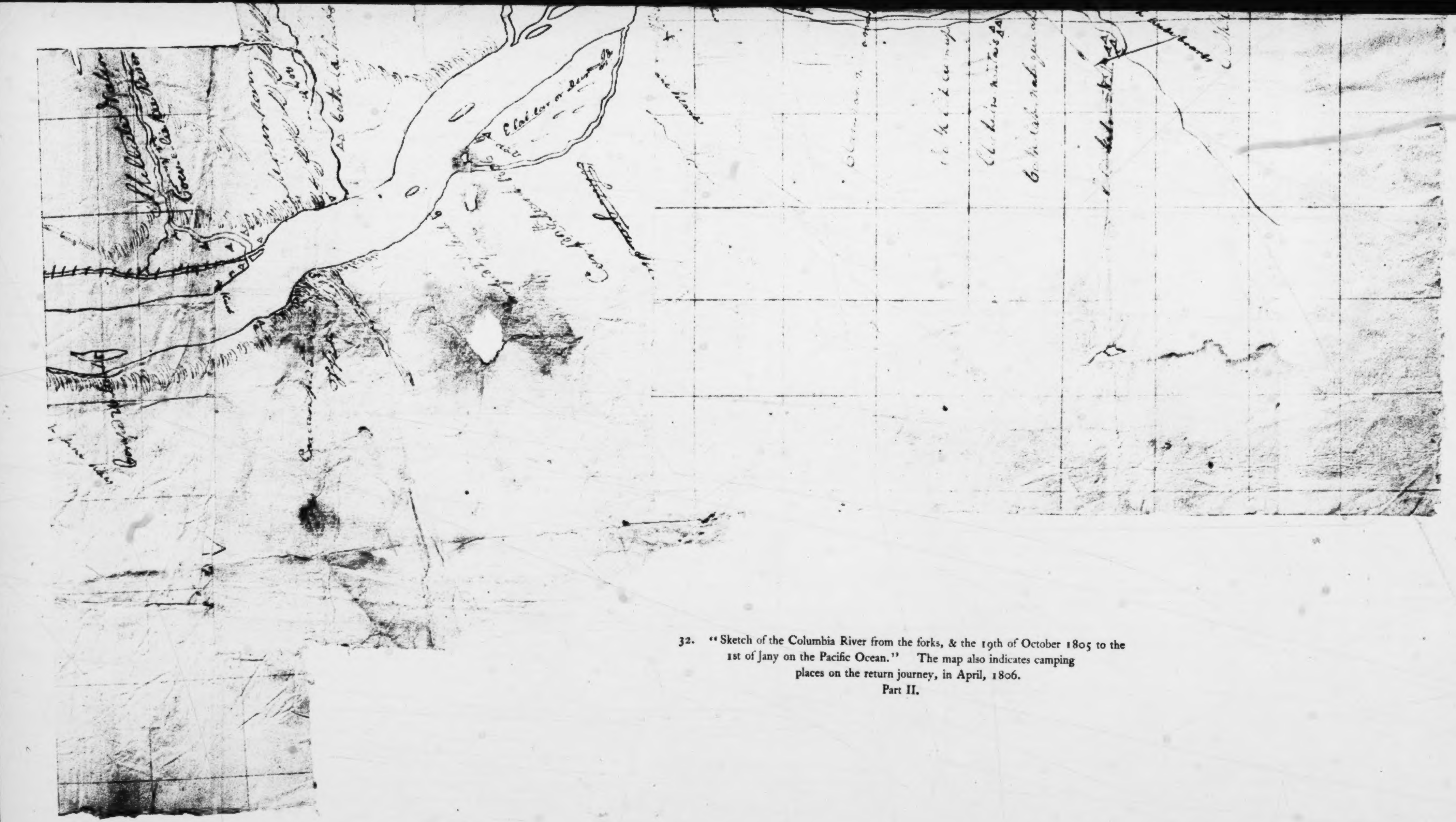
32. "Sketch of the Columbia River from the forks, & the 19th of October 1805 to the 1st of Jany on the Pacific Ocean." The map also indicates camping places on the return journey, in April, 1806.

Part I.

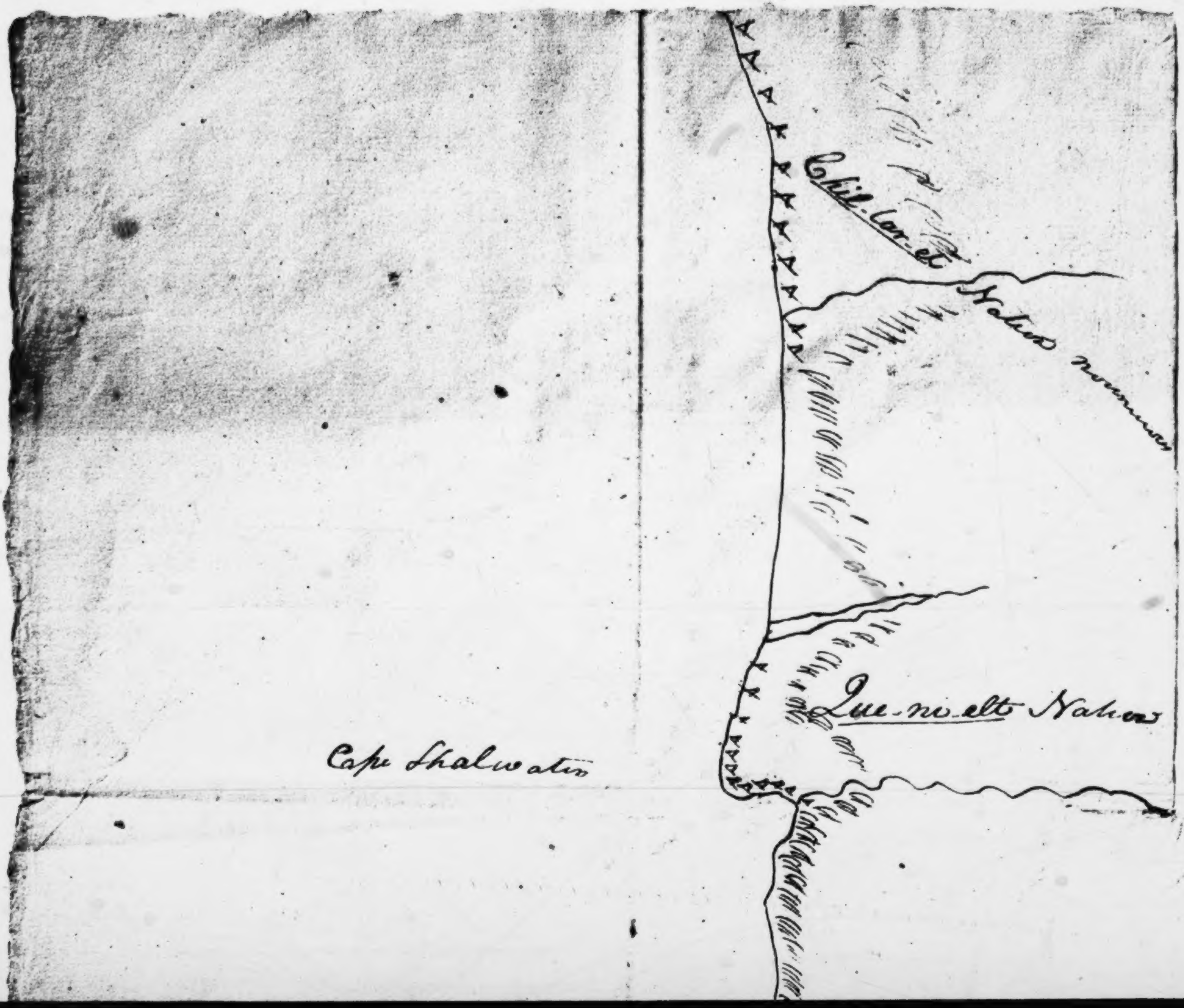

Che-luc-it-te-quar Nr
5 Vaults
Sepulcr
2 houses
Camp. 14 Apl. 1806
2 houses
18 houses of the
Chee-luc-it-te-quar Nation
River Lahche
20 yd
Canoe Creek
28 yd
Canoe Spring
4 Houses of Indians
Smokeshop Nr
Encamped 29th of Octr. 1805
Encamped 13th April 1806
Little Lake
9 large Houses Indians
Smoke Shop Nr
430 W. 37 Miles
This Mountain Seen to be
Several Ranges
of Mountains
Covered with snow 20 to 30
South 28 Miles


Cataract River
60 yds wide
Encamped the 30th
Great Rapids or Shute
150 yards wide
Encamped 1st Nov: 1805
an old village of very large houses
2 villages
Encamped 9th April 1806
8 houses
a village of 8 large houses
11 Houses of the
Beaken rock 800 feet high
45°.52' Lat
Encamped 7th & 8th April 1806
Mount Hood
135° @ 47 miles
Cascades
Encamped 2nd Nov: 1805
Quicksand River
120 yds
Mt Hood
Prarie
Encamped 6th April 1806


White Brant Isl
Encamped 3rd Nov 1805
Demond I
25 Houses 24 of them built of Straw and covered with bark, one large house built of wide boards and covered with the same of the Shil-late Nation
Image Canoe Island
Multnomah R
500 yds wide
Encamped 4th Nov 1805
4 Houses Shil-lutes
Encamped 29th March 1806
Multnomah
large wood
Wappato
Island
Wappato is



32. "Sketch of the Columbia River from the forks, & the 19th of October 1805 to the 1st of Jany on the Pacific Ocean." The map also indicates camping places on the return journey, in April, 1806.
Part II.

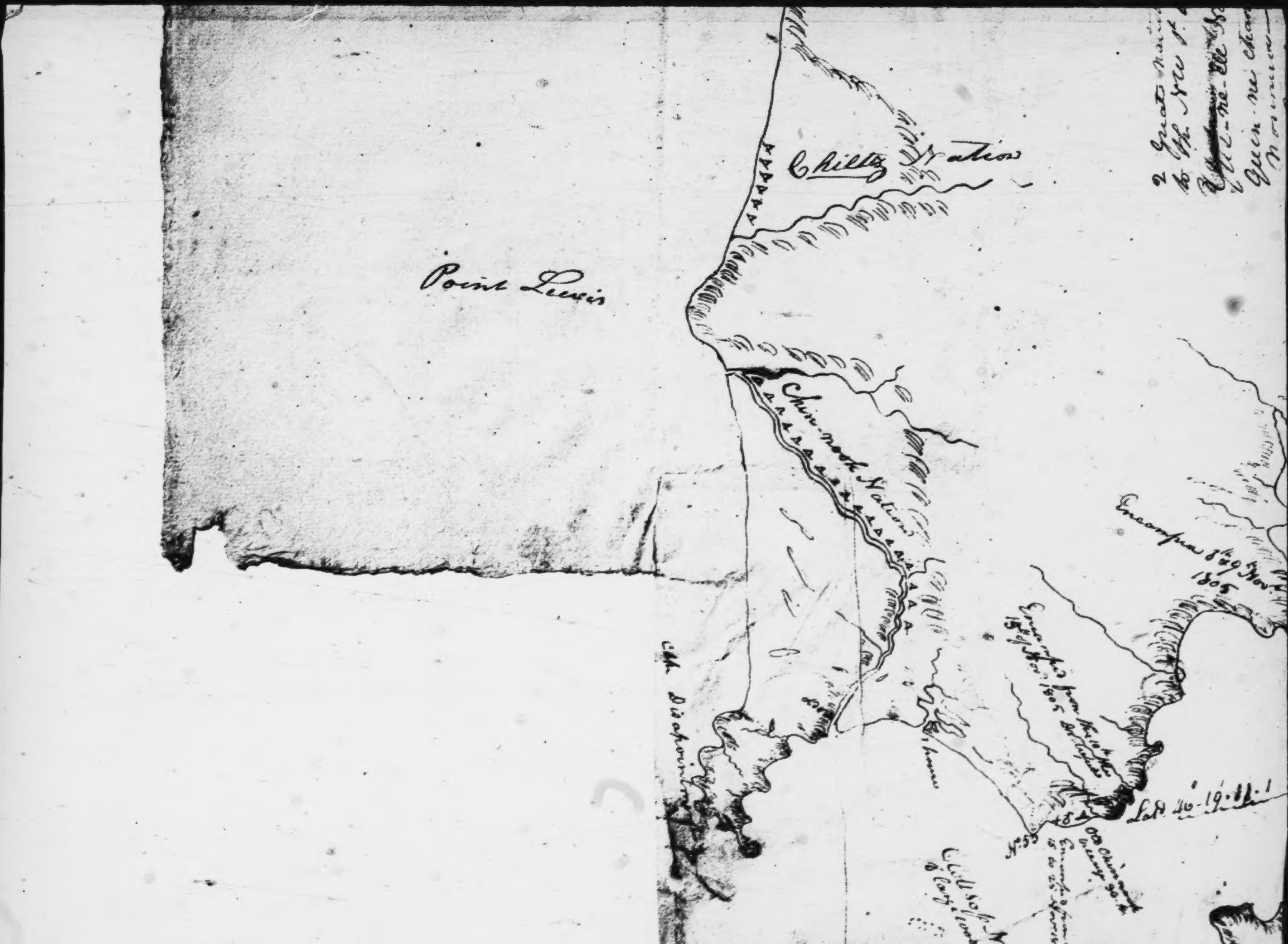

Chil-lar-et Nation
Que-ni-elt Nation
Cape Shalwater

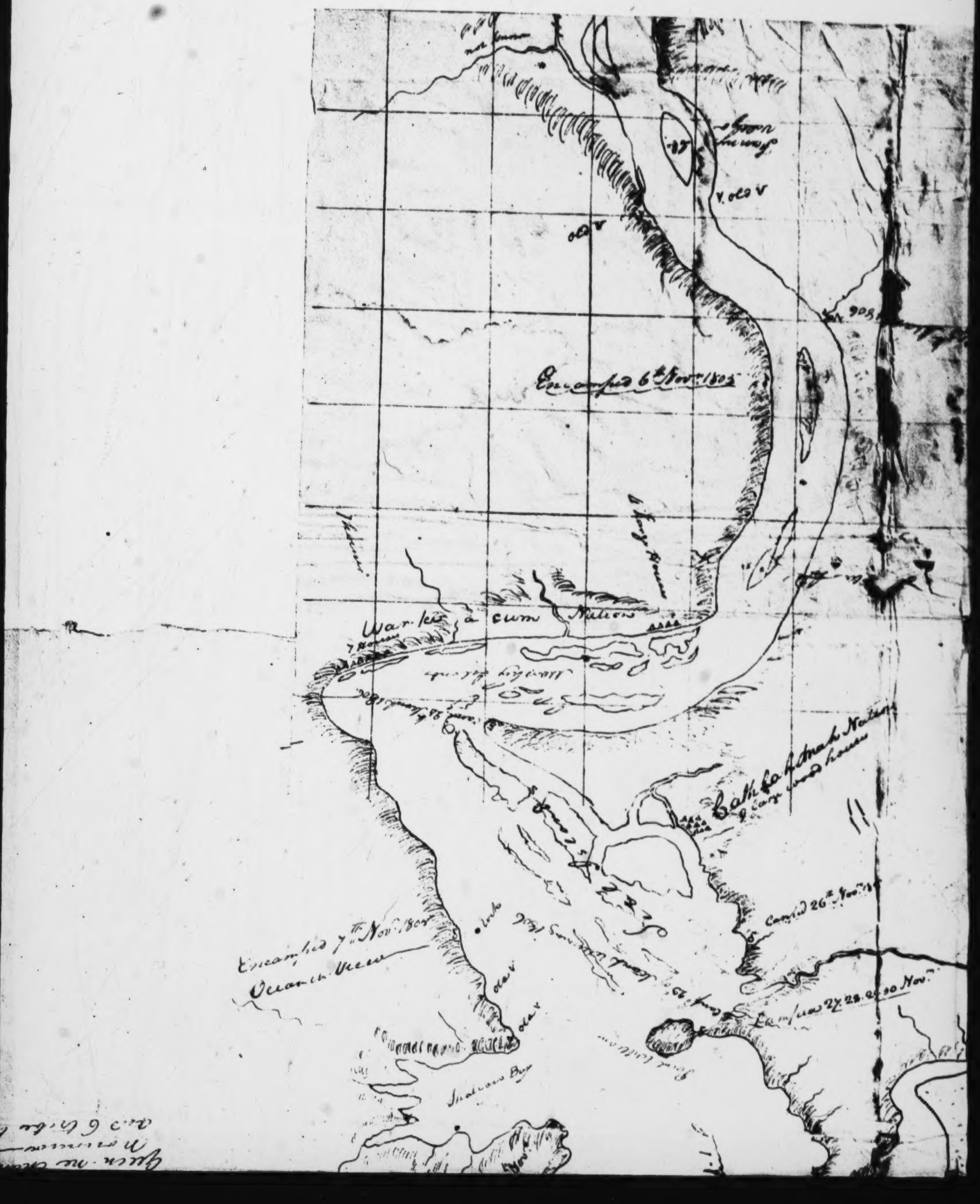
called

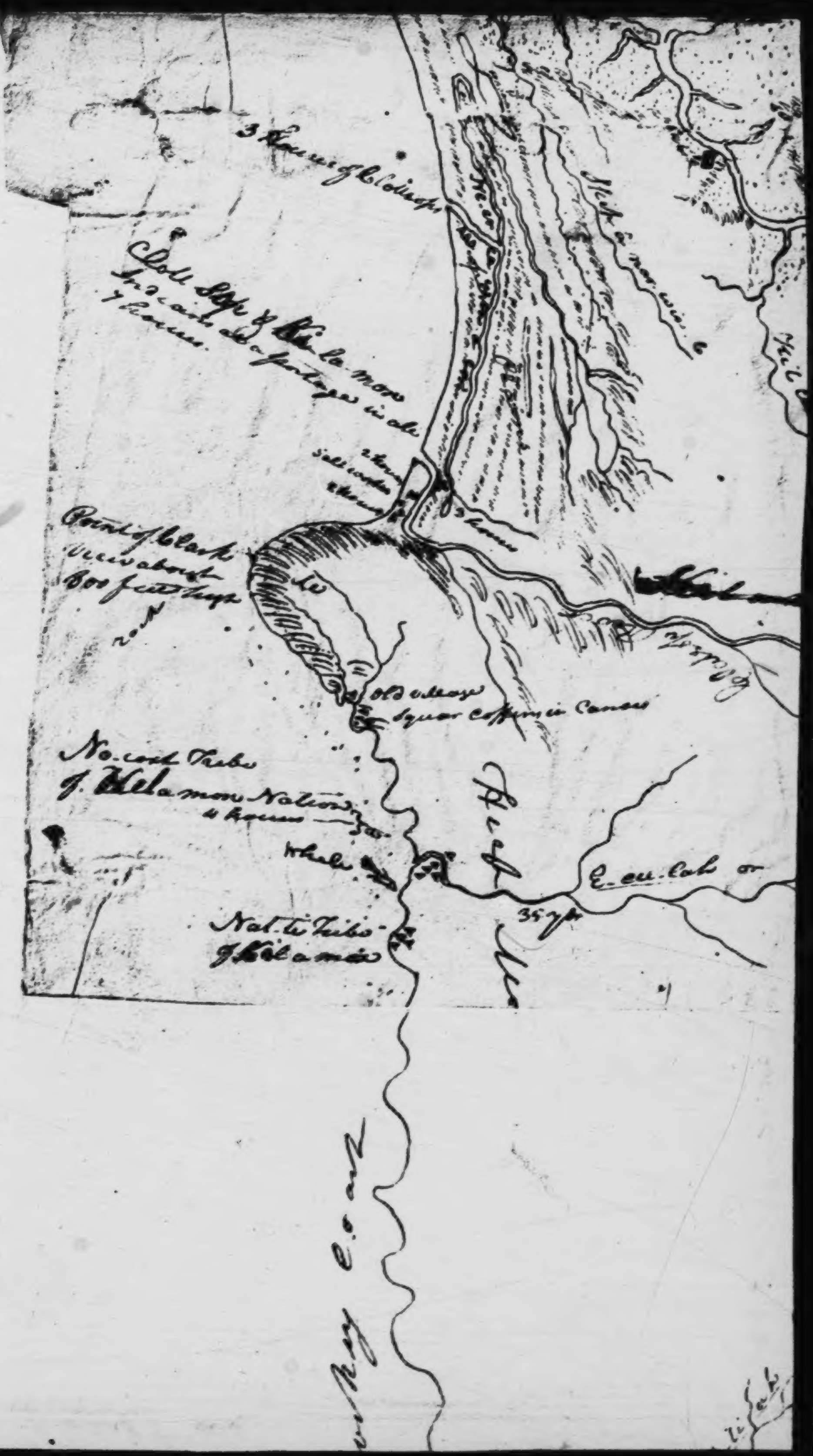
Nation No

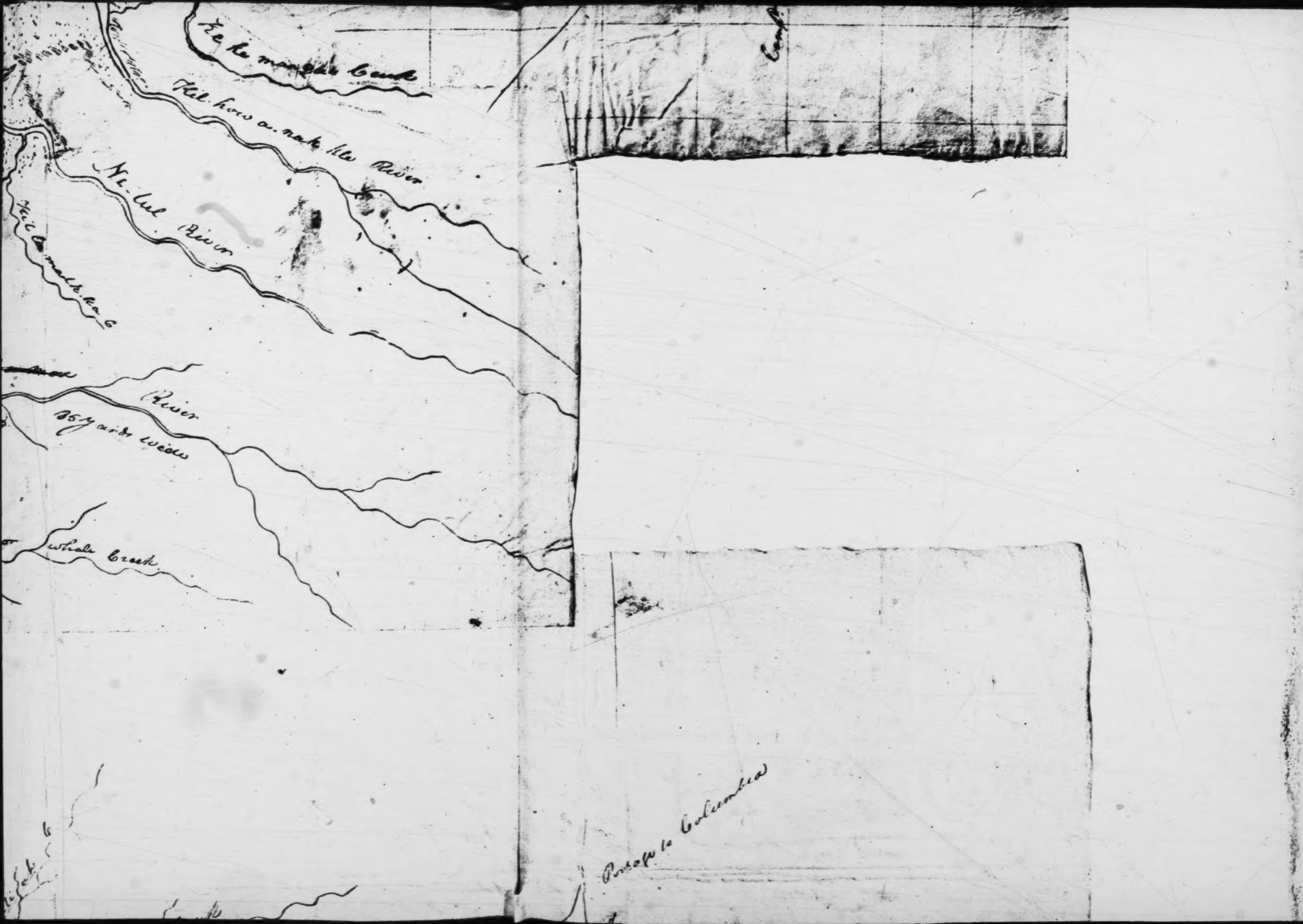
N. Bay

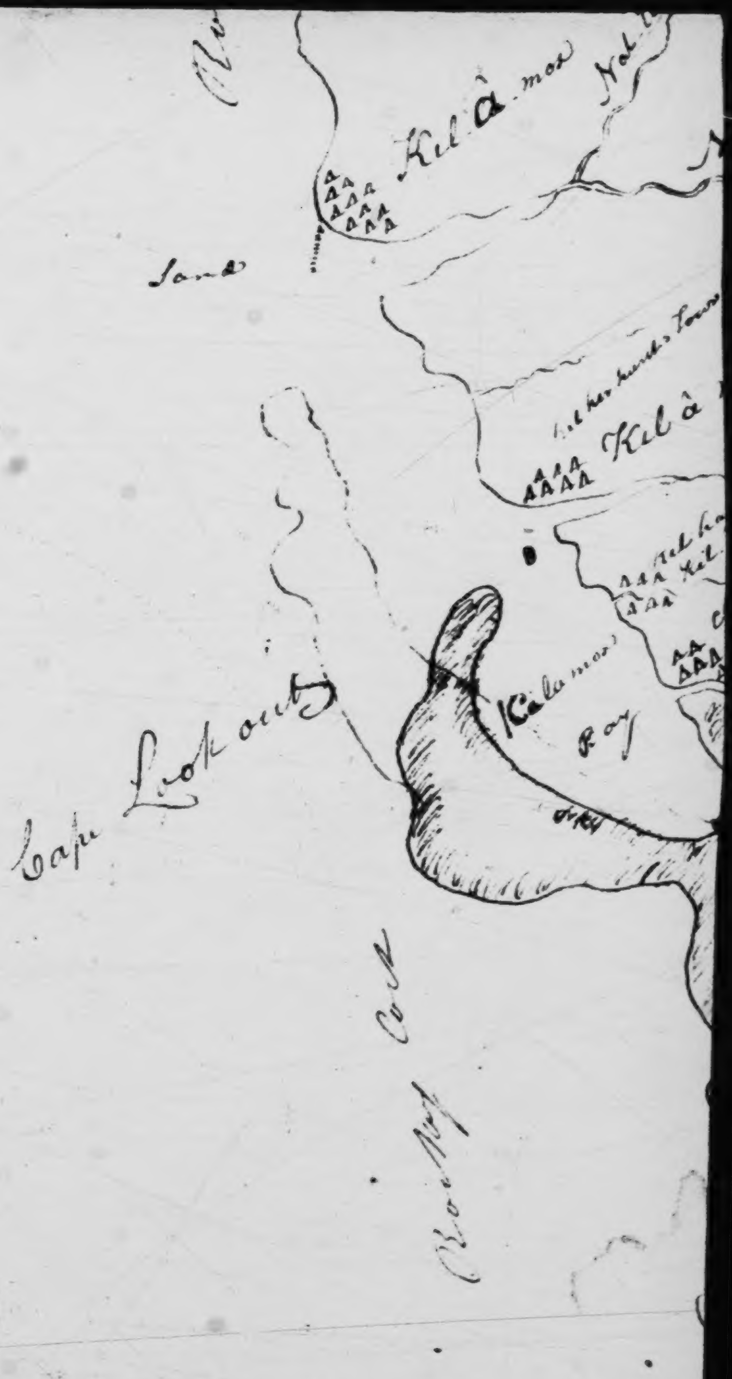
to the [illegible]


Chiltz Nation
Point Lewis
Chin-nook Nation
Encampm 8 & 9 Nov 1805
Encamped from the 10th to the 15th of Nov. 1805 Bad weather
Lat. 46°-19'-11".1
84
No. 53
Old Chin-nook village 30 h
Encamped from the 15 to 25 November
Chiltsoff Nation & Cape lewis
Cape Disapointm
Point Adams
2 Great Nati
to the Notr of
Clt-ne-tte Sh
Quen-ne chau
Nomm

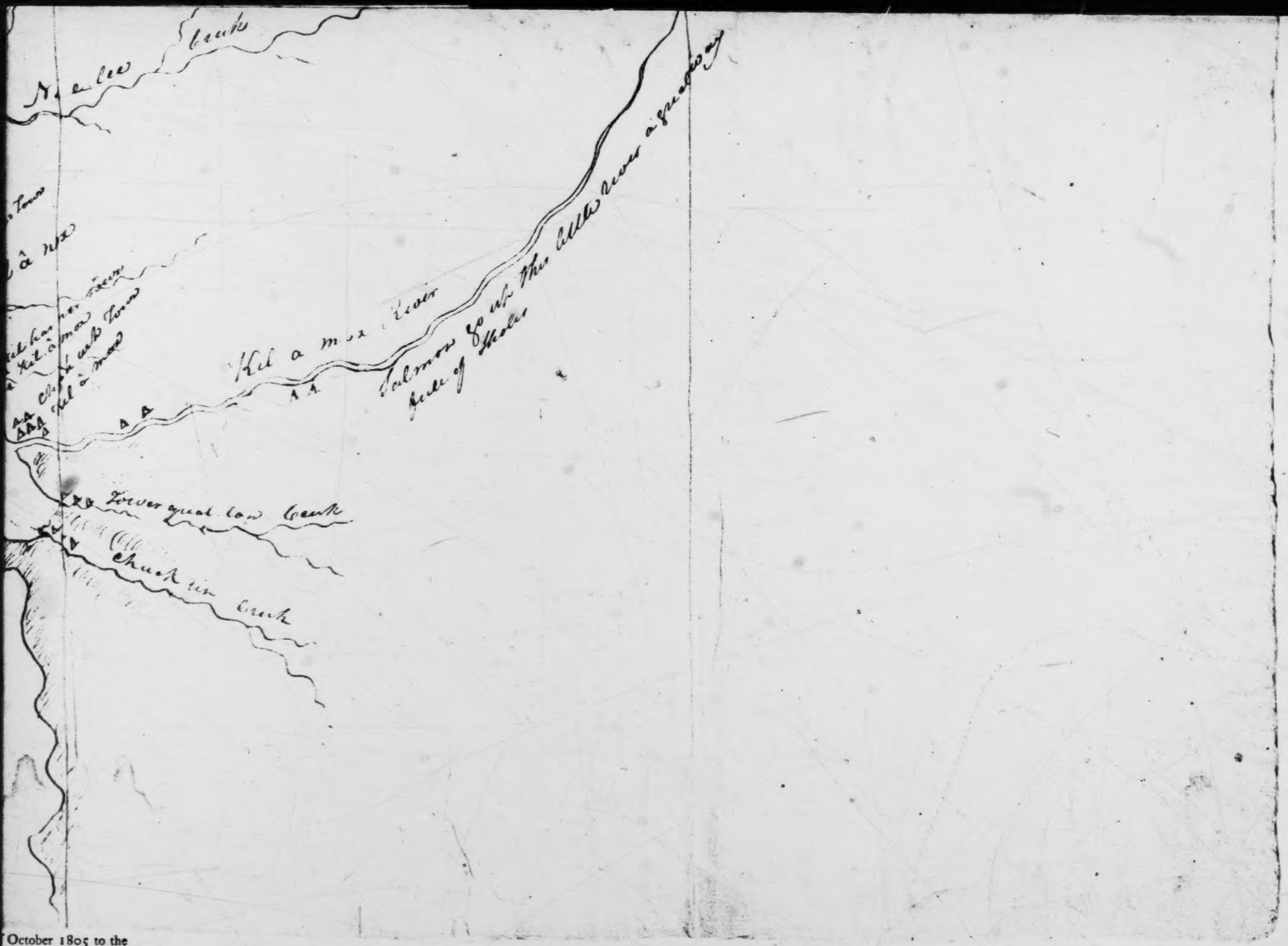

Encamped 6th Novr. 1805
old V
V. old V
87
War-kia-cum Nation
7 Houses
Marshey Islands
Camp 8th & 9th Novr. 1805
Cath la h'mah Nation
9 large wood houses
Sand Islands
Encamped 7th Novr. 1805
Ocean in View
lake
old V
old V
Shallow Bay
Point William
Camped 26th Novr. 1805
Encamped 27, 28, 29, 30 Novr.
908


3 Houses of Clatsops
Clatt Sops & Kil la mox
Indians do a portage in ab...
7 houses
Point of Clark
View about
800 feet high
rock
Old village
Squar Coffin in Canoe
No-cost Tribe
of Kil a mox Nation
4 houses
Whale
Nat-ti Tribe
of Kil a mox
E-cu-lah or
35 yds
Pacific Ocean

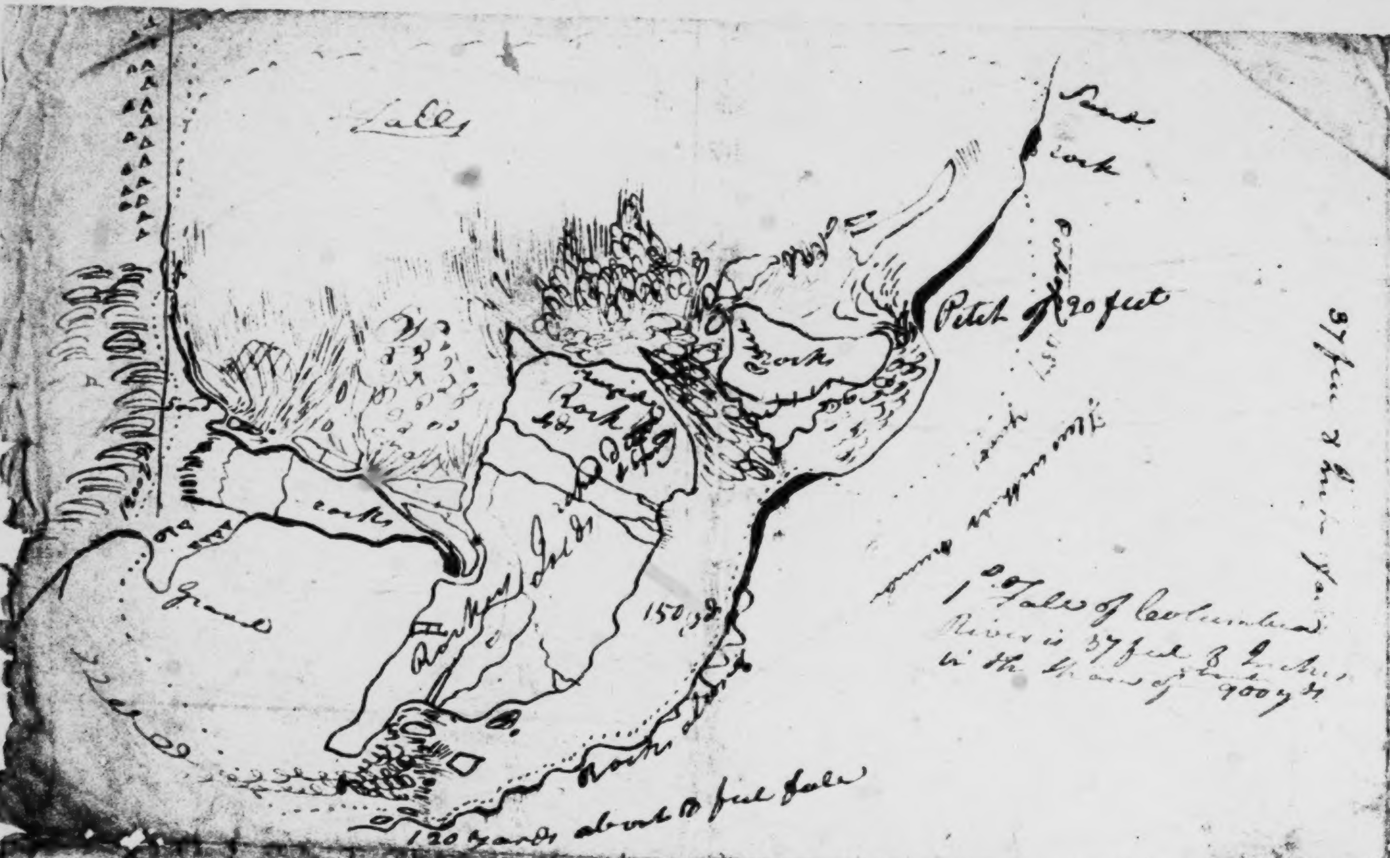

Ke ke mon ke Creek
Kil how a nah kle River
Ne-tul River
Kil lo mak ka o
River
35 yards wide
Whale Creek
Portage to Columbia


Kil â mox
Sand
Kil â
Cape Lookout
Kalamox
Bay
Rocky Cost

32. "Sketch of the Columbia River from the forks, & the 19th of Octo
1st of Jany on the Pacific Ocean." The map also indicates ca
places on the return journey, in April, 1806.
Part III.


Ne ea lee Creek
Town
à nix
Kil haw ner Town
Kil à mox
Chuck ulk Town
Kil à mox
Kil a mox River
Salmon go up this little river a great way
full of Shoals
Lower queal low Creek
Chuck tin Creek

October 1805 to the
tes camping


Falls
Grand
Rock
Rock
Rocky Islds
150 yds
Sand
Rock
Pitch of 20 feet
120 yards about 8 feet fall
37 feet 8 inches fall

1st Falls of Columbia River is 37 feet 8 Inches in the Shoot of [illegible] 900 yds

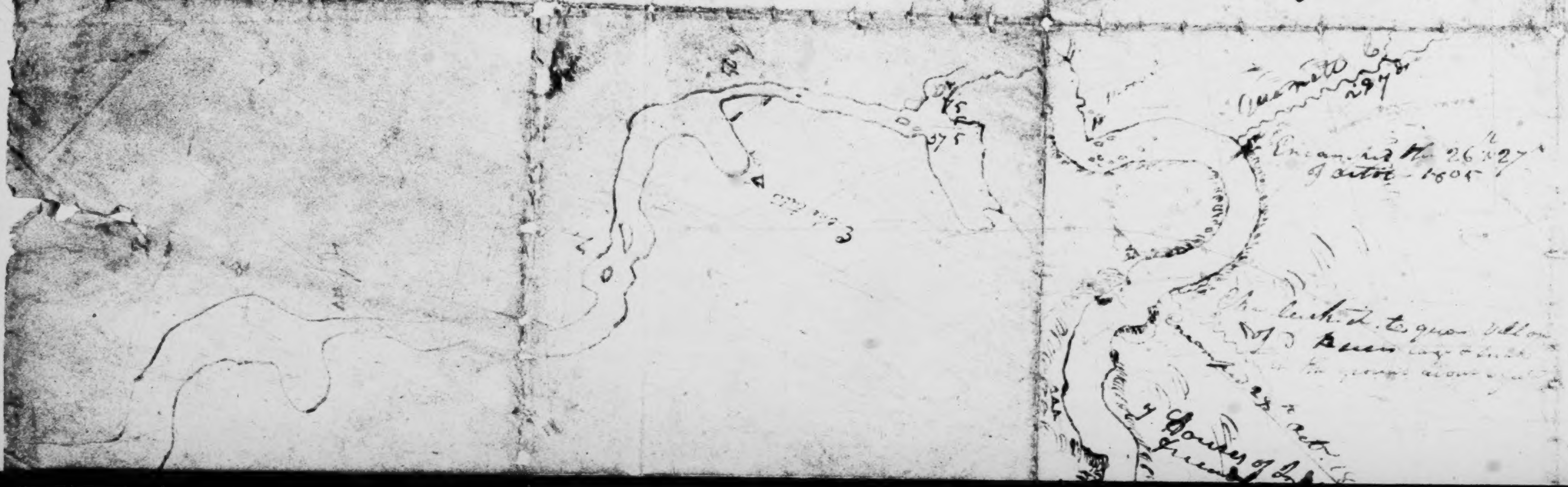
Latitude 46° - 34' - 56" 3/10
Ditto 46 - 29 - 21" 7/10
Ditto 46° 15' 13" 9/10 — 200
~~Ditto 45 44' 3"~~
Ditto 45° 44'

23
2
17
12
19

20
21
9
30
30
23
15
20
21
12
4
36
42
12
6
10
4
36
15
6
23
3
10
29
32
29
32

30 [illegible]
60 Mouth of [illegible]
140 Mouth Ki moo e nem
160 Great Falls
6 Long [illegible]
65 Grand Shute
6 last rapid
26 Sandy River

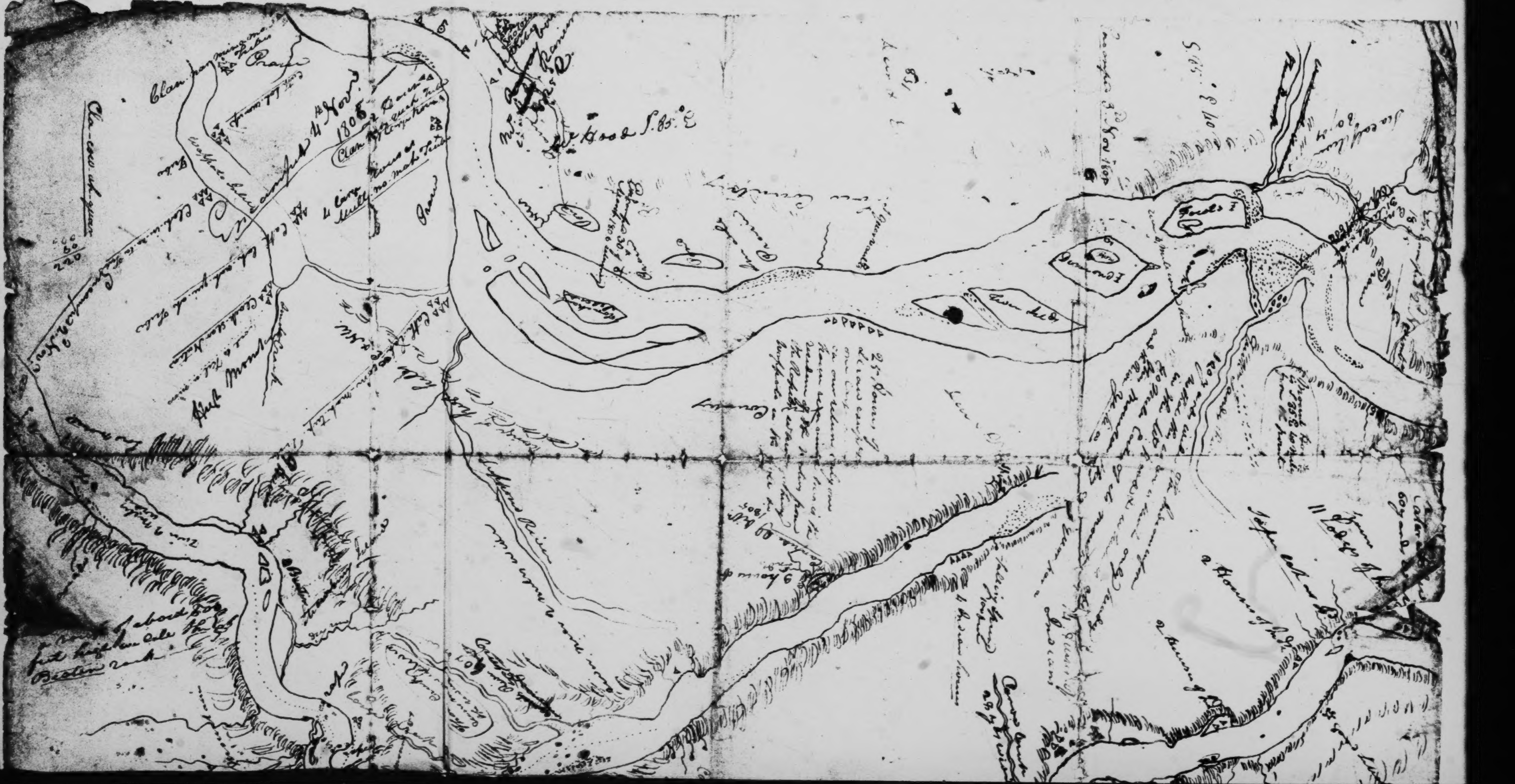
263
463

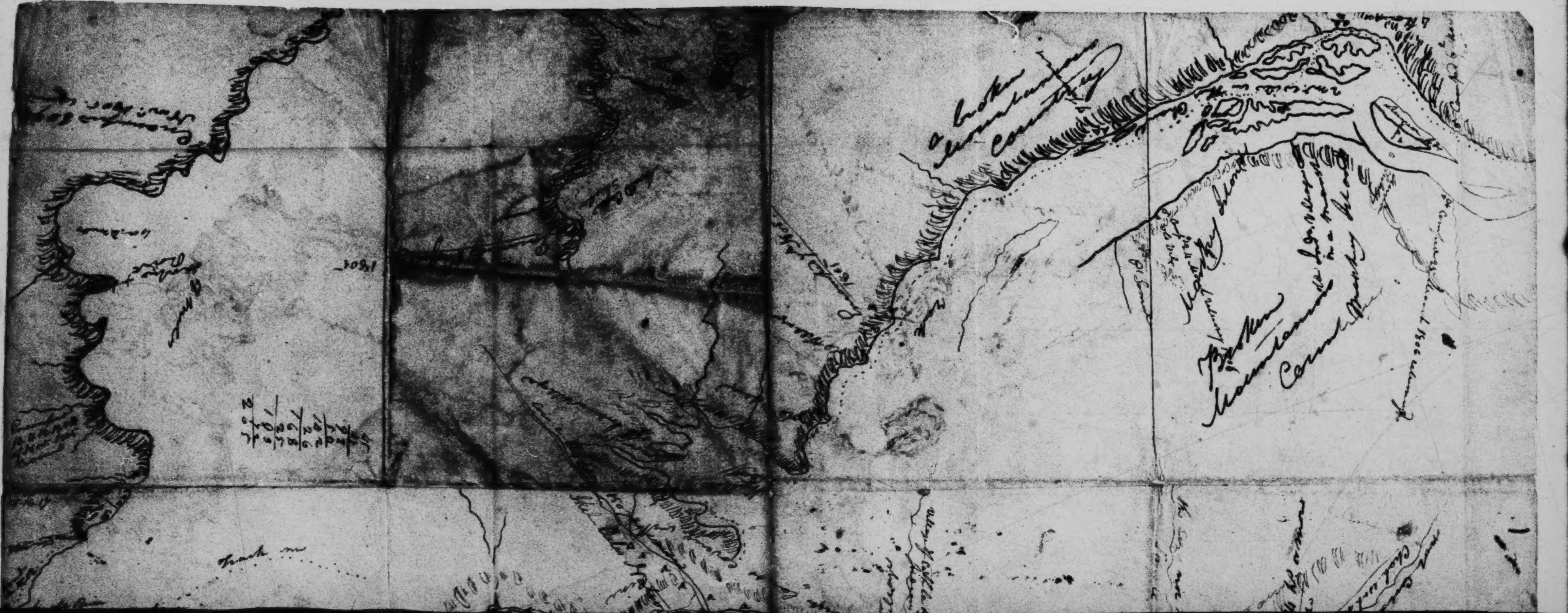

375
Quenett
27
Encamped the 26 & 27 of Octor 1805
25 Octr
3 Houses of [illegible]

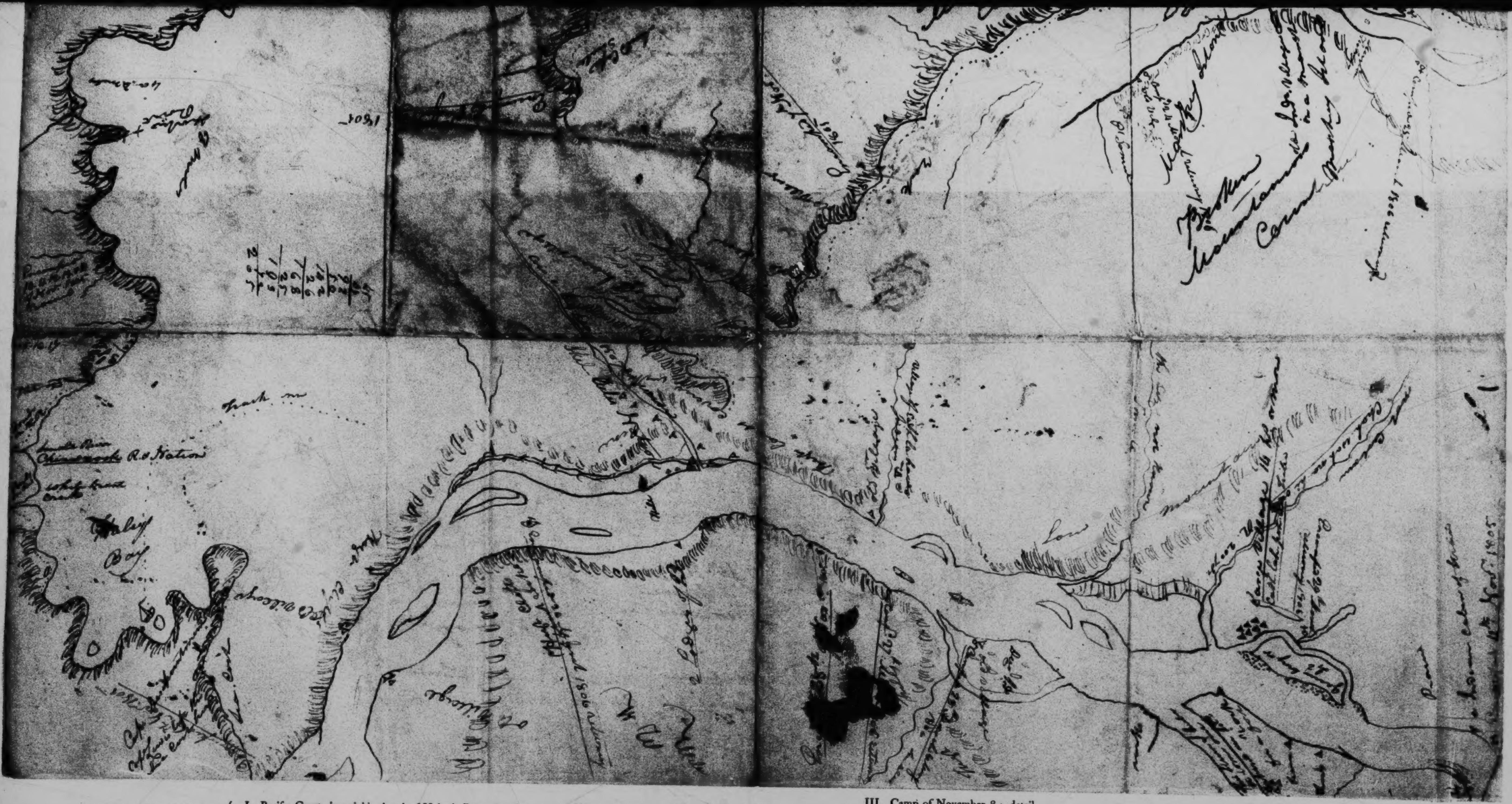
Observed time and distance of D's Eastern limb from regulus. Star East.

Time h. m. s	Distance ° ' "
8 - 50 - 41	73 - 15 - 0
" 53 - 44	73 - 16 - 45
" - 57 - 58	" - 19 - 15
9 - 3 - 20	" - 23 - 15
" - 6 - 49	" - 25 - 45
" - 10 - 9	" - 27 -
" - 15 - 57	" - 30 -
" - 18 - 25	- 32 - 5
" - 20 - 2	" - 32 - 45
" - 22 - "	" - 33 - 15
91 · 17 · 15	77 · 16 · 15
9. 7 · 55 5/10	73 · 25 · 37 · 5

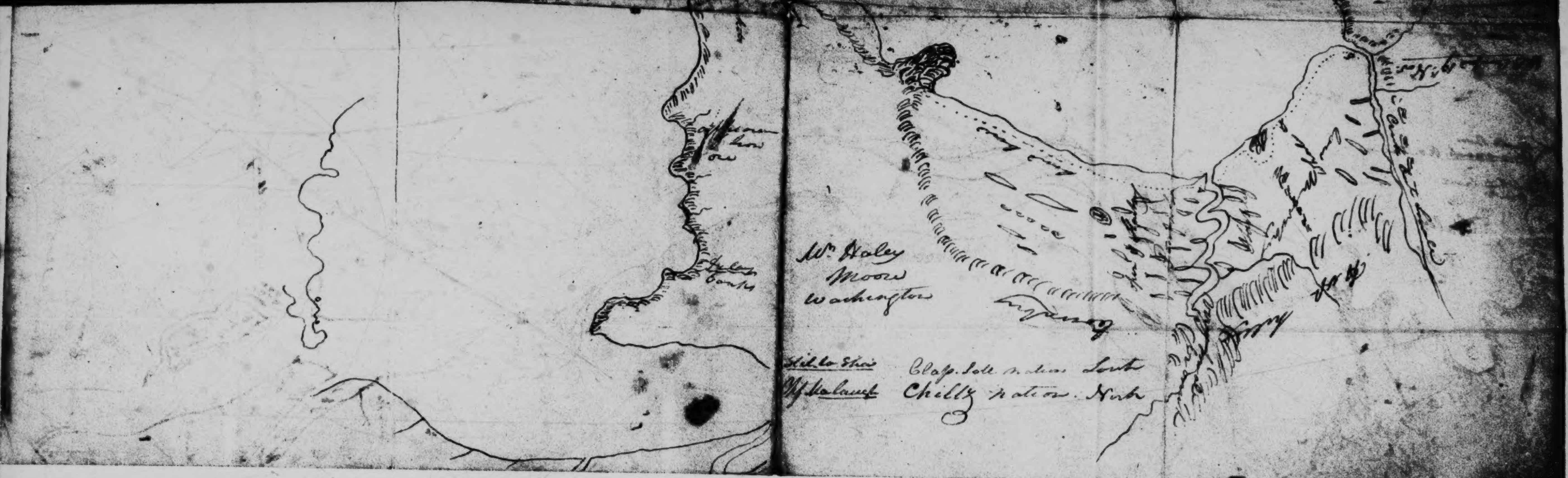
17 24 734 73 156 5

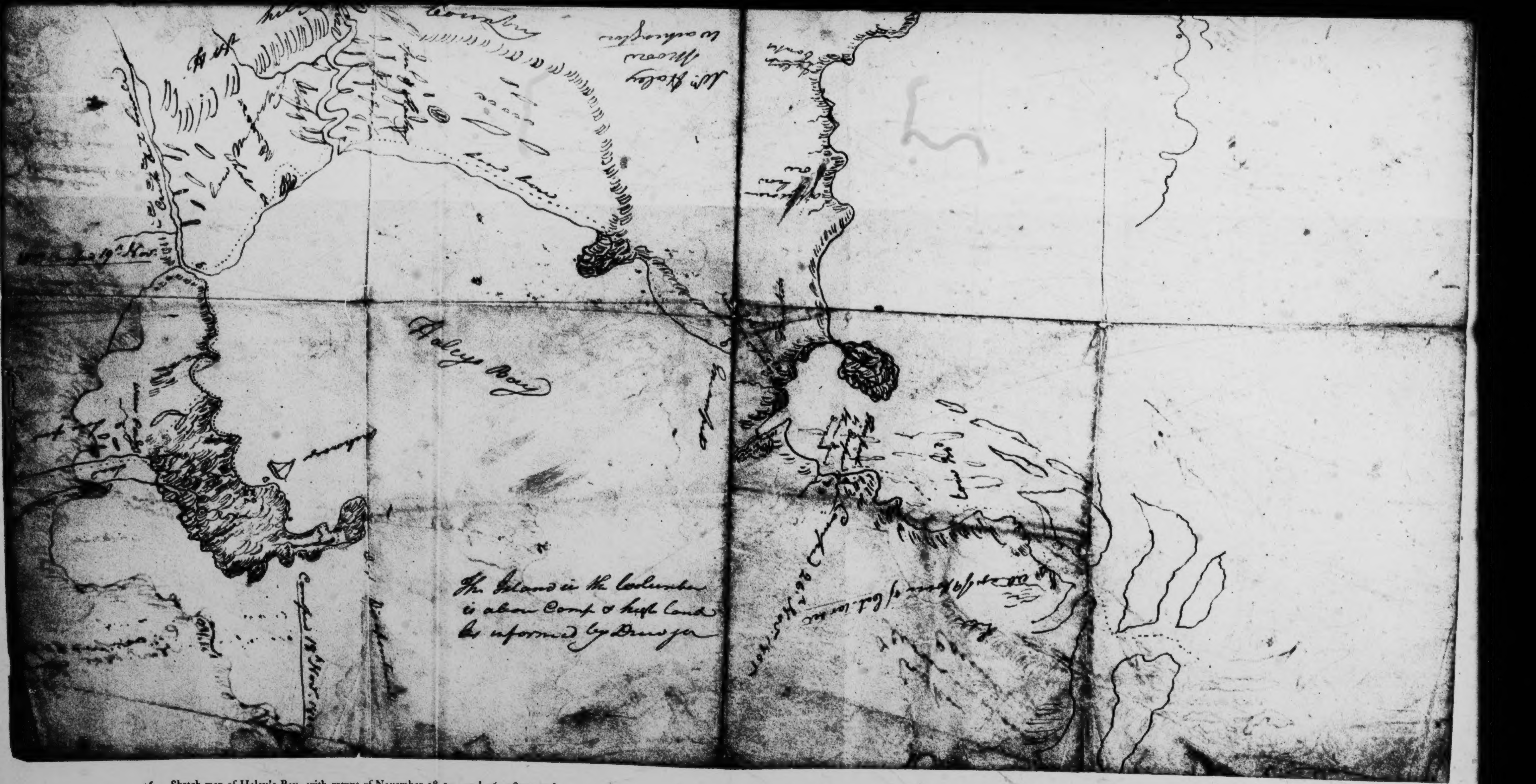

Encamped 4th Novr 1805
Prarie
Prarie
Clan-nah-quah Tribe
Mt Hood S. 85° E
Fools I
25 Houses
Quicksand River
Beaton rock
S. 85 E 10
220


a broken mountainous Country
Broken Mountainous Country
1806
Track

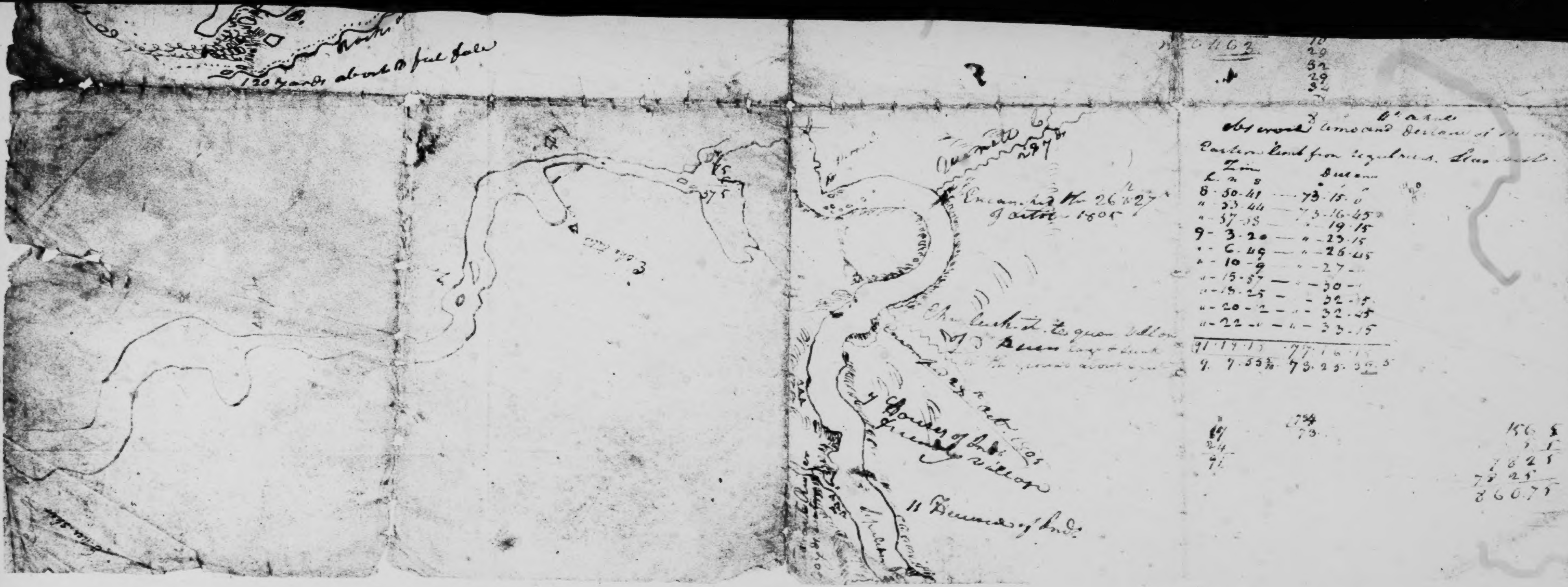

Chinnook R.& Nation
Haley's Bay
Broken Mountainous Country
Low
Low
1805
1806

35. A medley of sketches: { I. Pacific Coast, in neighborhood of Haley's Bay—showing camps of November 8-17, 1805.
II. Camps of November 6, 7; detail—showing return camps of March 24, 25, 1806.
III. Camp of November 8; detail.
IV. Lower reaches of Columbia, showing outward camps of November 4-6, 1805, and the return camps of March 26-29, 1806.


Mr. Haley
Moore
Washington
Clap. Sole nation South
Chilly nation North


Haleys Bay
The Island in the Columbia
is above Camp & high Land
As informed by Drewyer
Camped 18th Nov. 1805

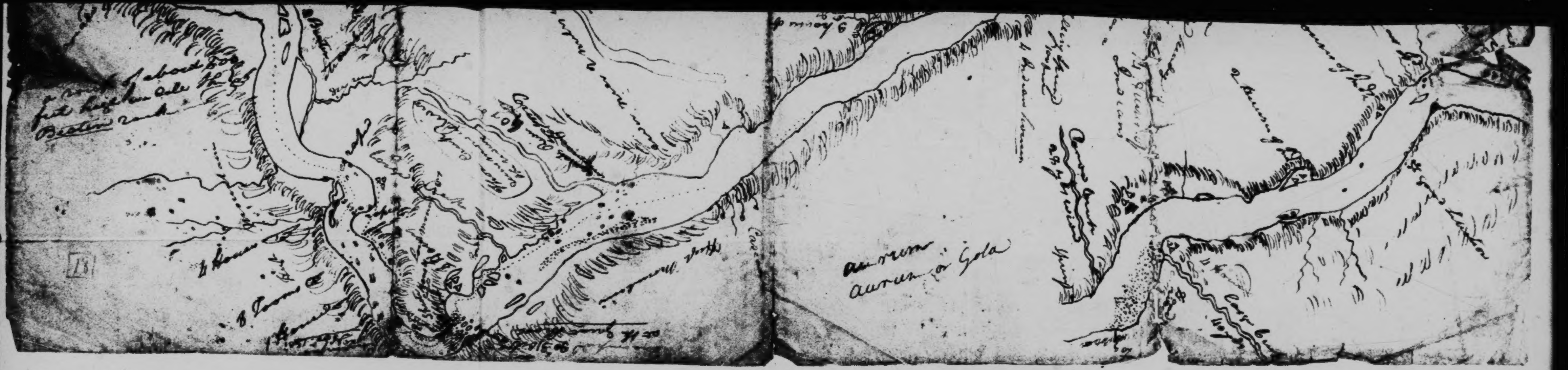
36. Sketch map of Haley's Bay, with camps of November 18, 19, and 26, 1805, and return camp of March 23, 1806.


120 yards about 8 feet fall
Quenett C
27th
Encamped the 26 & 27 of Octr 1805
575
Chee-luck-it-te-quar village
9 Houses of Inds
Friendly village
11 Houses of Inds

Observed time and Distance of ☽'s Eastern limb from Regulus. Star west.

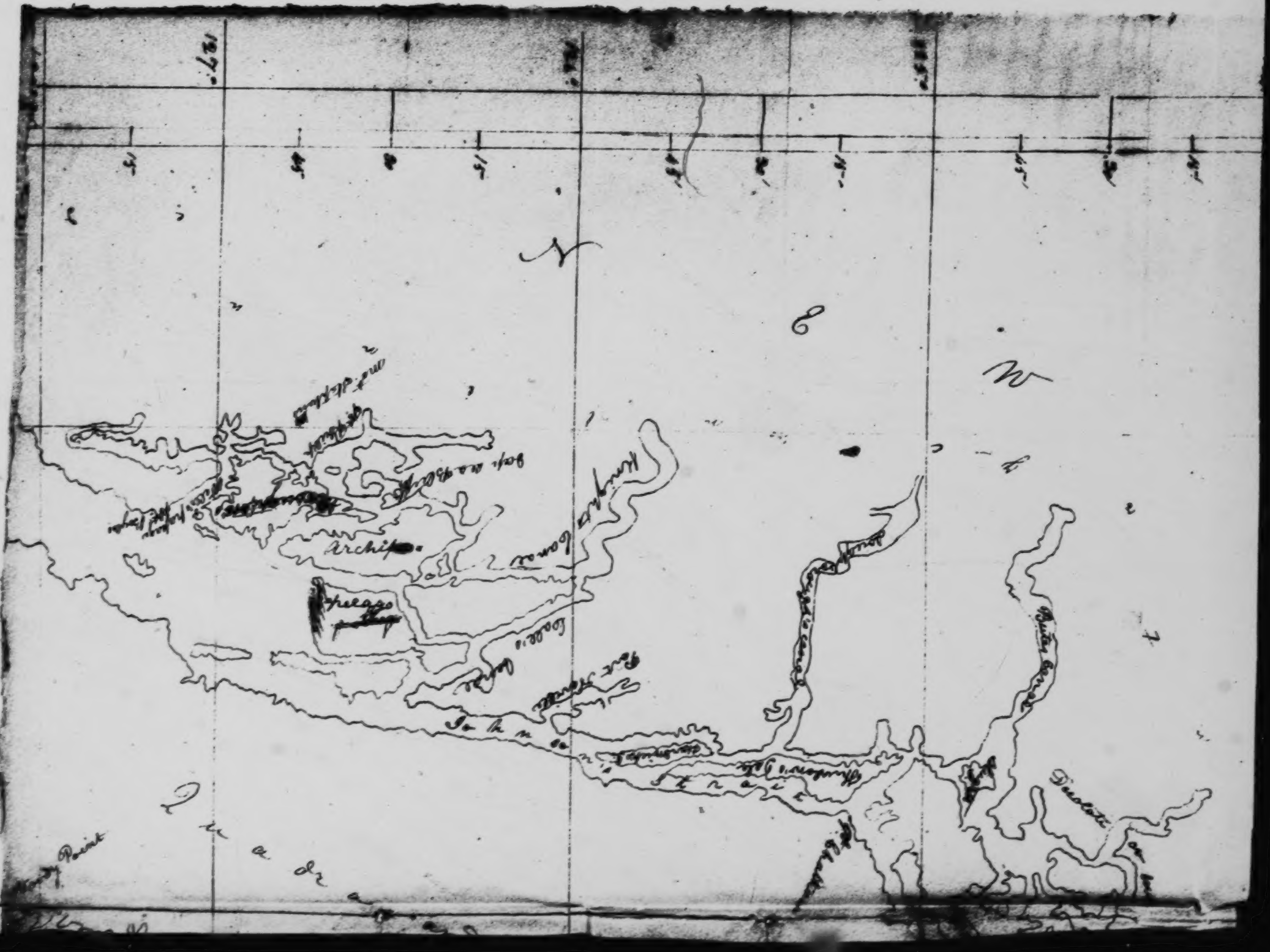
Time h. m. s	Distance ° ' "
8 - 50 - 41	73 - 15 - 0
" - 53 - 44	73 - 16 - 45
" - 57 - 55	" - 19 - 15
9 - 3 - 20	" - 23 - 15
" - 6 - 49	" - 26 - 45
" - 10 - 9	" - 27 - "
" - 15 - 57	" - 30 - "
" - 18 - 25	" - 32 - 15
" - 20 - 2	" - 32 - 45
" - 22 - "	" - 33 - 15
91 - 19 - 15	77 - 16 - 15
9. 7. 55 5/10	73. 25. 37. 5

33. Dalles of the Columbia; with camps of October 26-28, 1805.

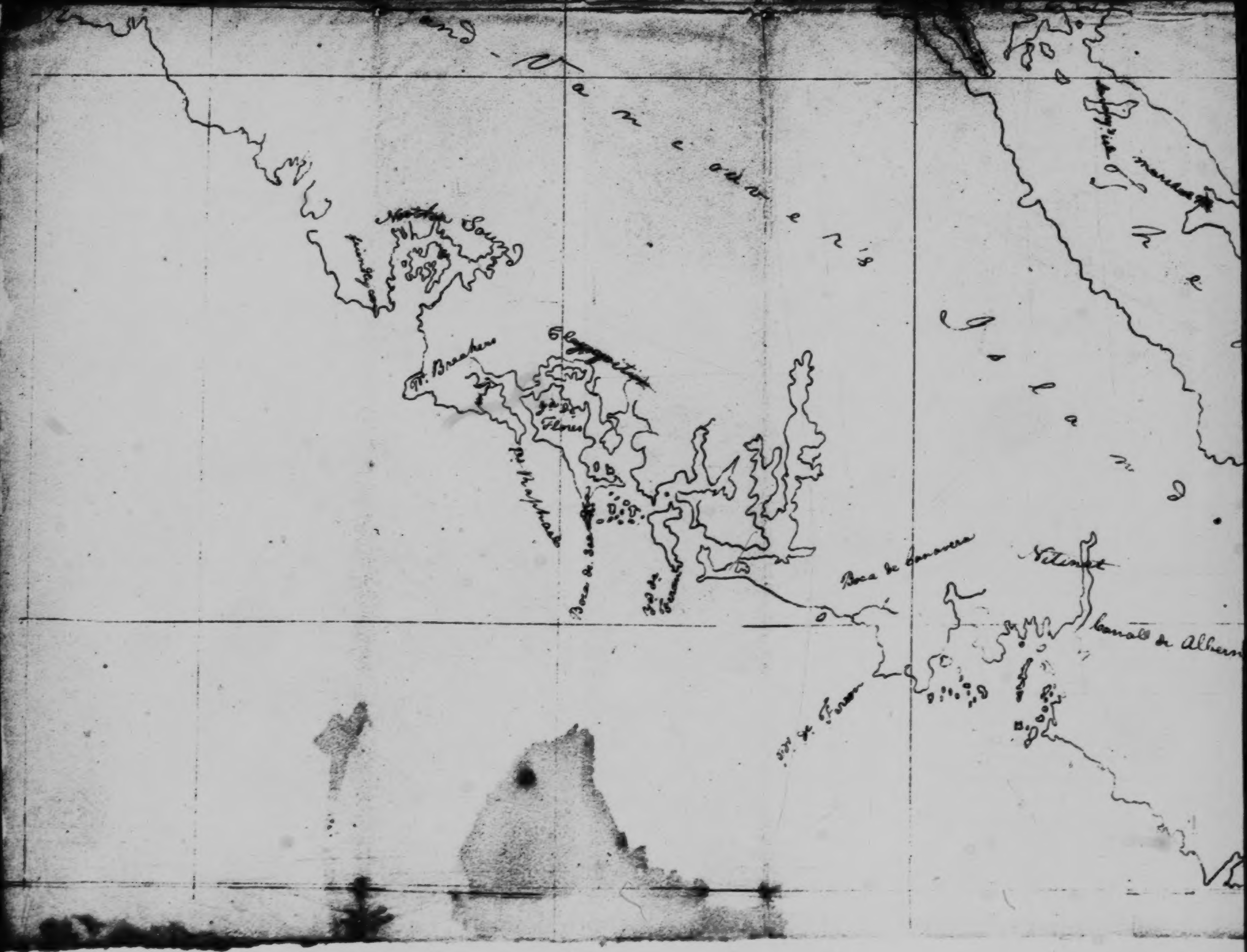


18
Beaten rock
8 Houses
aurum
aurum or Gola

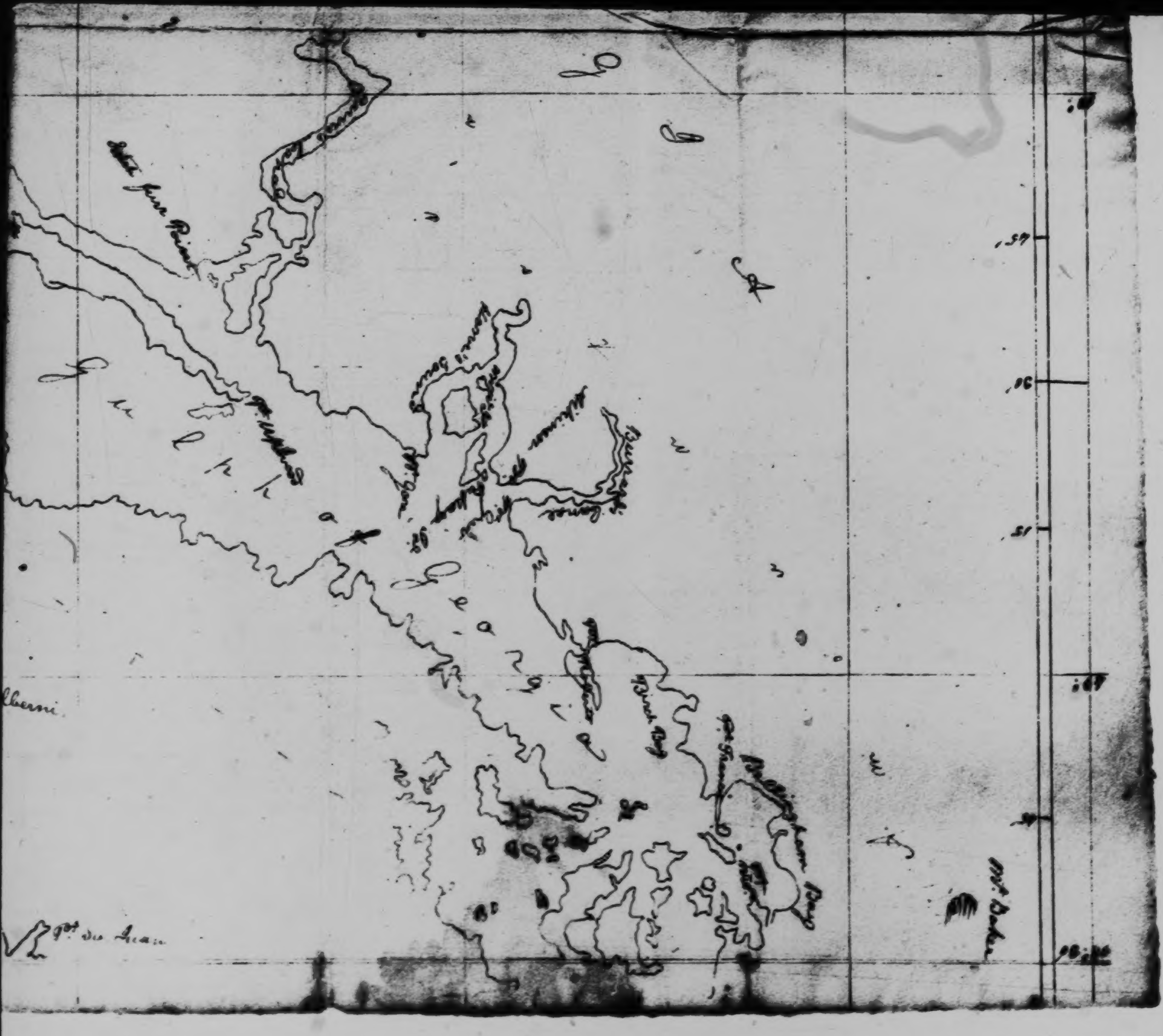
34. The Columbia River, from the Cascades to Wappato Island—showing camps of November 2-4, 1805, and the return camp on March 30, 1806; also a rough sketch of the Cascades.


127°
15
45
30
15
15
30
15
15
30
15
N
E
W
Archip
pelago
Knight's Canal
Loughborough's Canal
Bute's Canal
Port Neville
Jo h n
S t r a i t
Thurlow's Isles
Desolati
Point
Q u a d

15'
30'
45'
61°
15
51°30'
45'
15'
30'
45'
15'
30'
45'
121°
122°
123°
124°
7
a
e
g


Vancouver's
Island
Nootka Sound
Pt. Breakers
Flores
Boca de Carrasco
Nitinat
Canall de Alberni

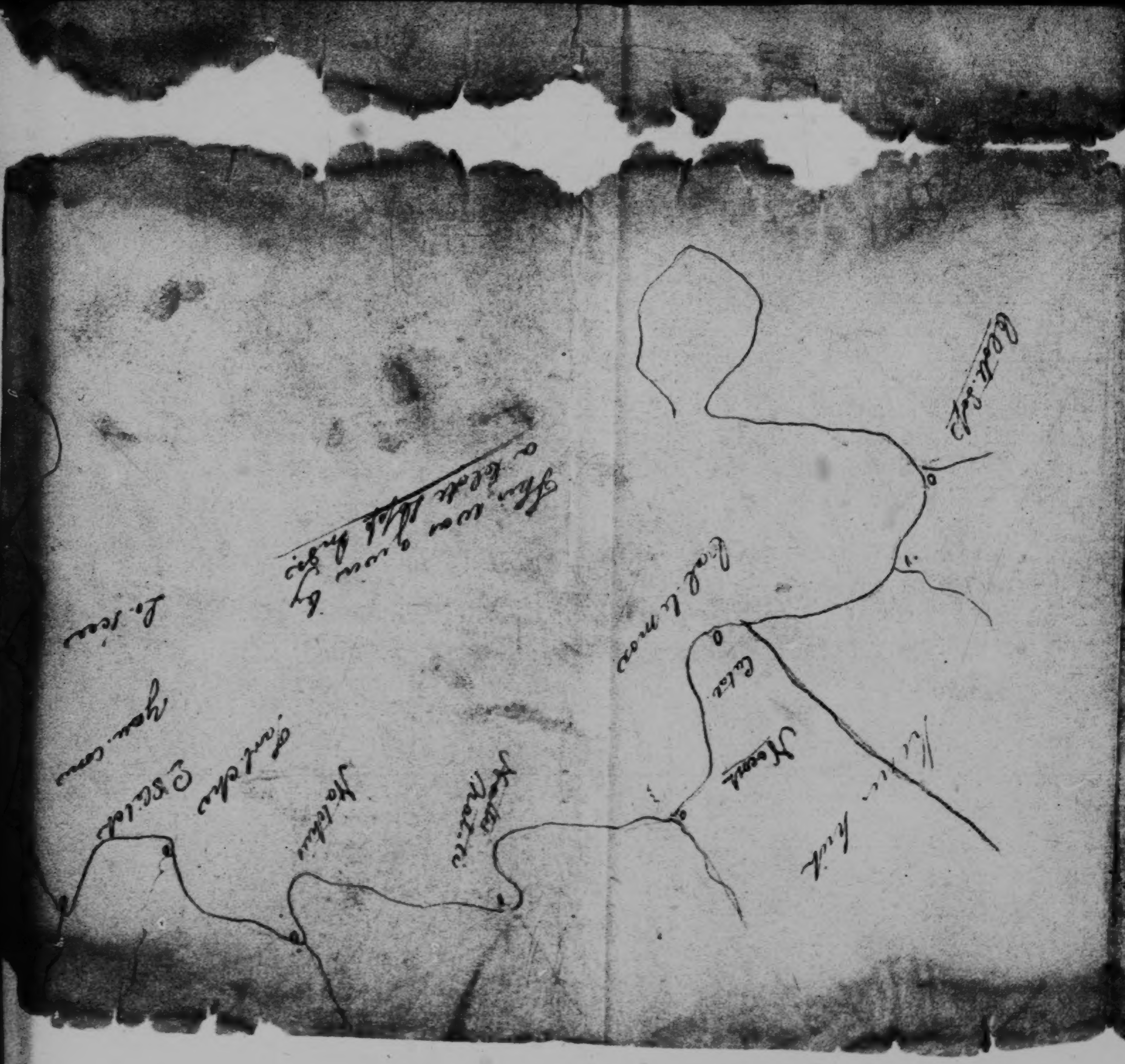
37. Lewis's sketch-map of Vancouver's Island, Nootka Sound, etc.


Gulph of Georgia
Pt. Upwood
Howe's Sound
Pt. Grey
Burrard's Canal
Birch Bay
Bellingham Bay
Mt. Baker
lberni
Pt. du Juan

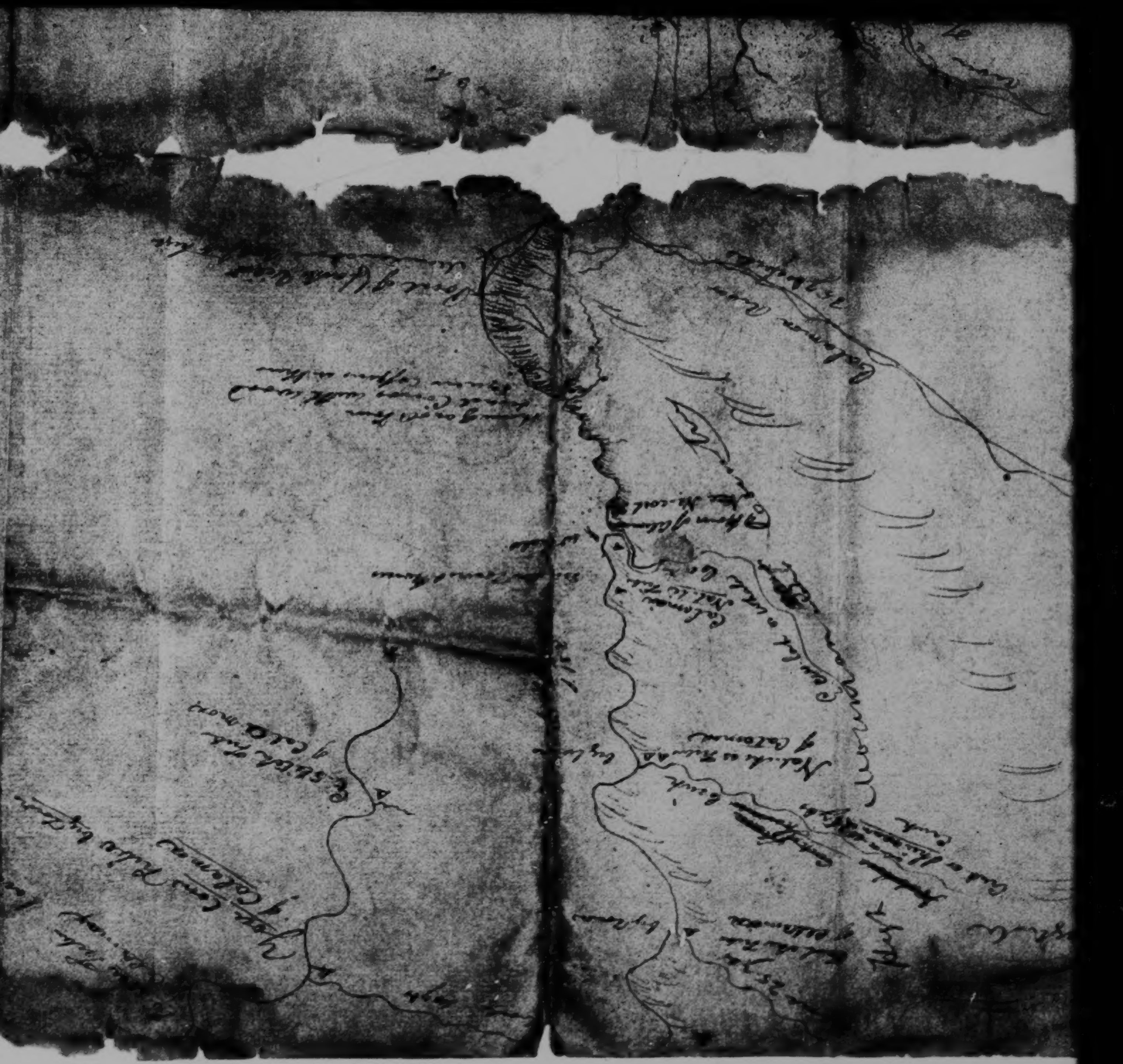
Mar
A Clotsofa
Torre Algarves
aqui Torre

[illegible]

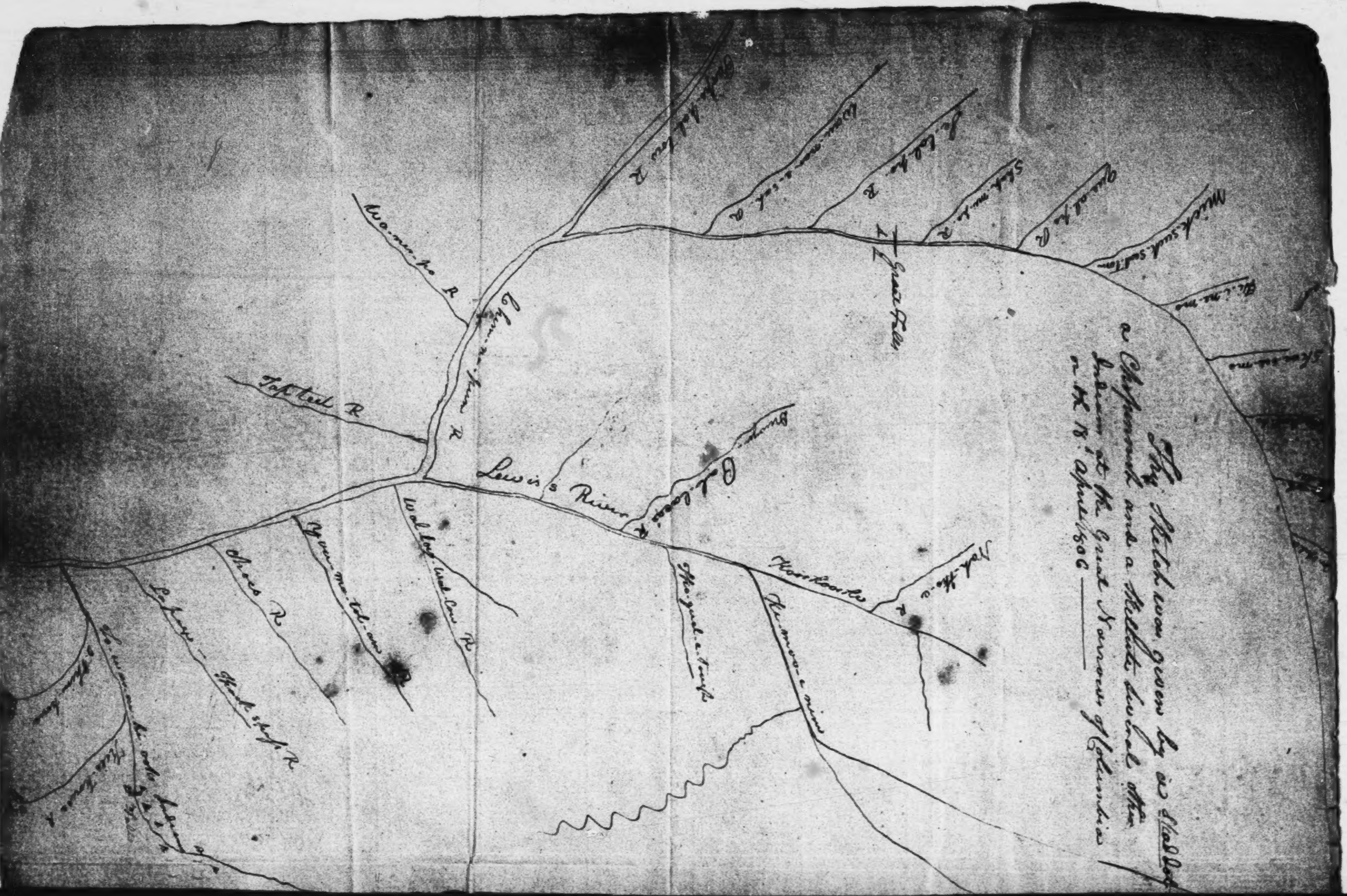
Cal a mor



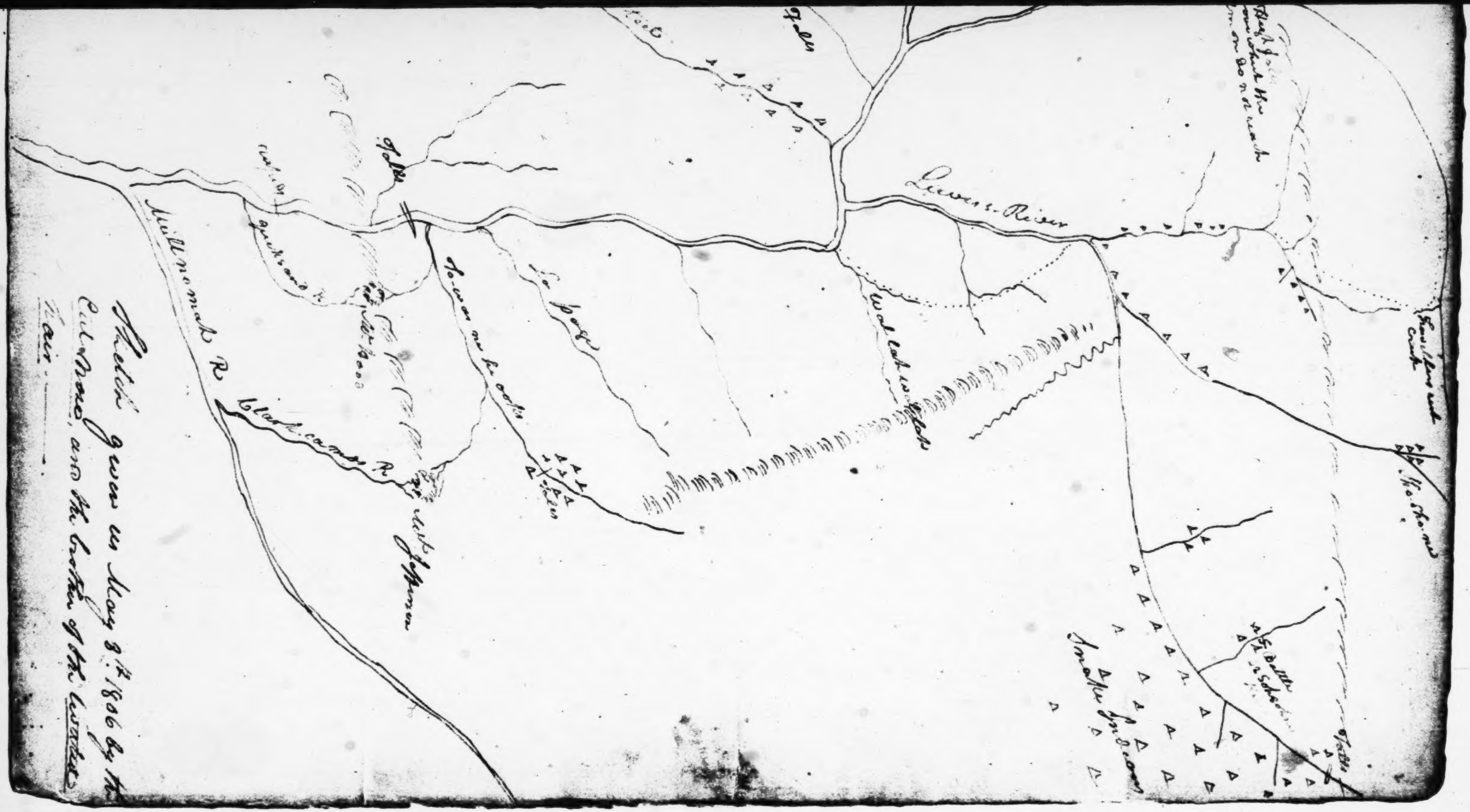
39. Sketch-map "given by a Clattsopp Indn," showing the mouth of the Columbia, with adjacent tribes.



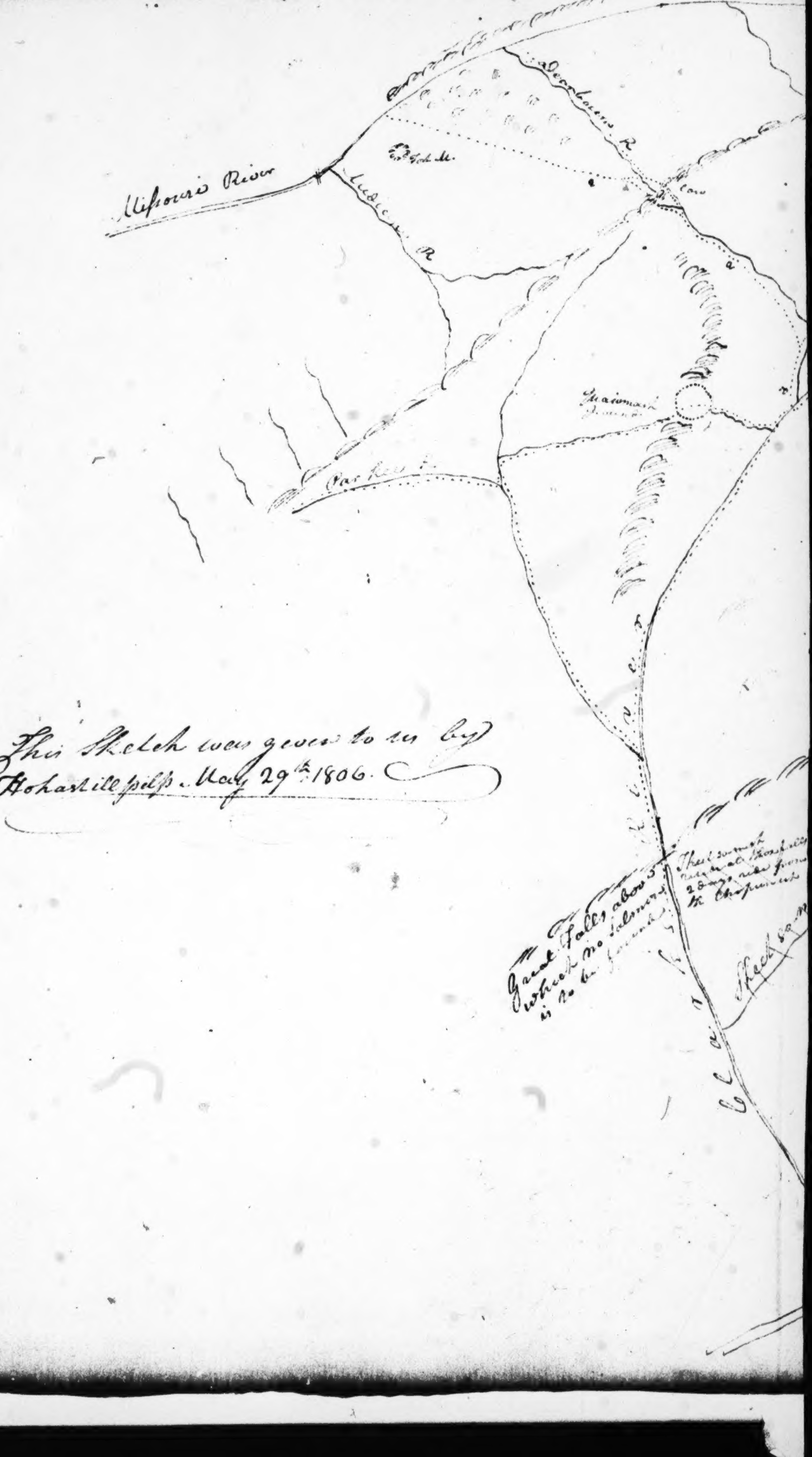
38. Sketch-map of the mouth of Columbia River and Pacific Coast, with the route of Clark, January 6-10, 1806—showing tribes, measurements of streams, and elevations.


Lewis's River
Kooskooske
Great Falls
Tap teel R
Wal low wal low R
Shes R
R
R

This Sketch was given by a Skaddat
a Chopunnish and a Skillute and other
Indians at the Great Narrows of Columbia
on the 18th April 1806 ——


Sketch given us May 8th 1806 by the Cutnose and the brother of the Twisted Hair.
Lewis's River
Falls
Multnomah R
Jefferson
Snake Indians

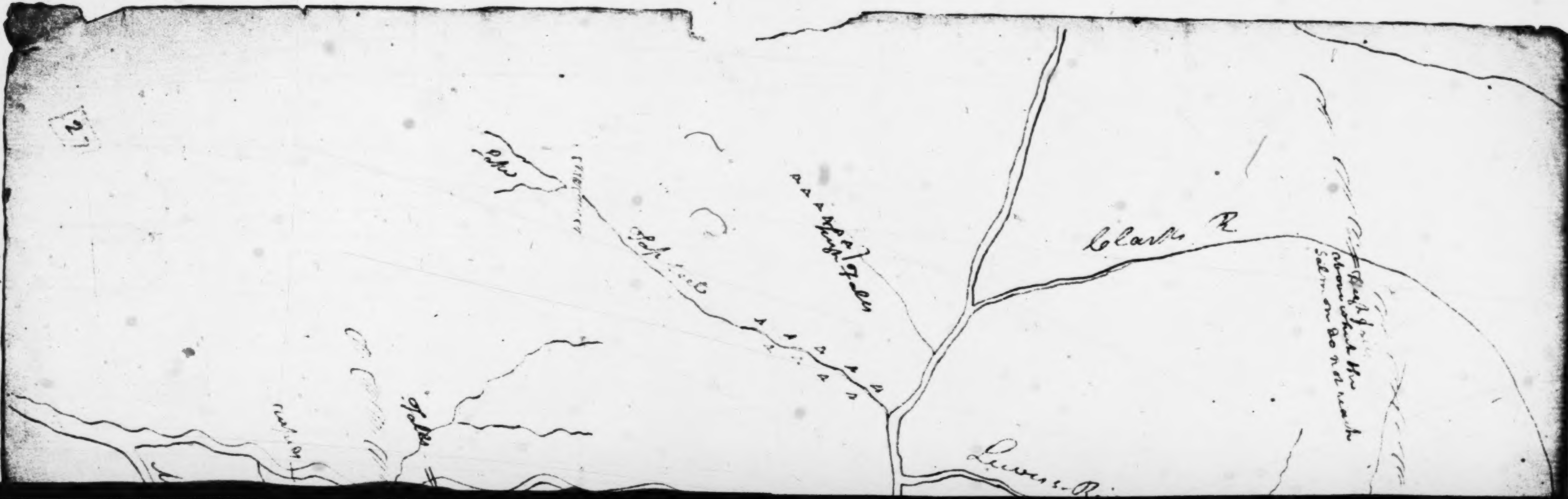
41. Sketch given by Cutnose, etc., May 8, 1806; showing Indian trails over the continental divide.

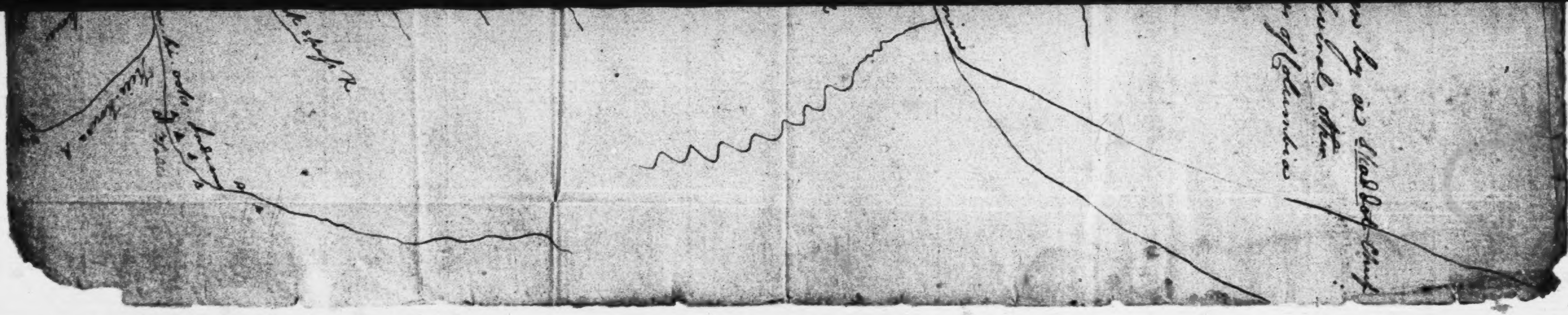


This Sketch was given to us by Hohastillpilp. May 29th. 1806.

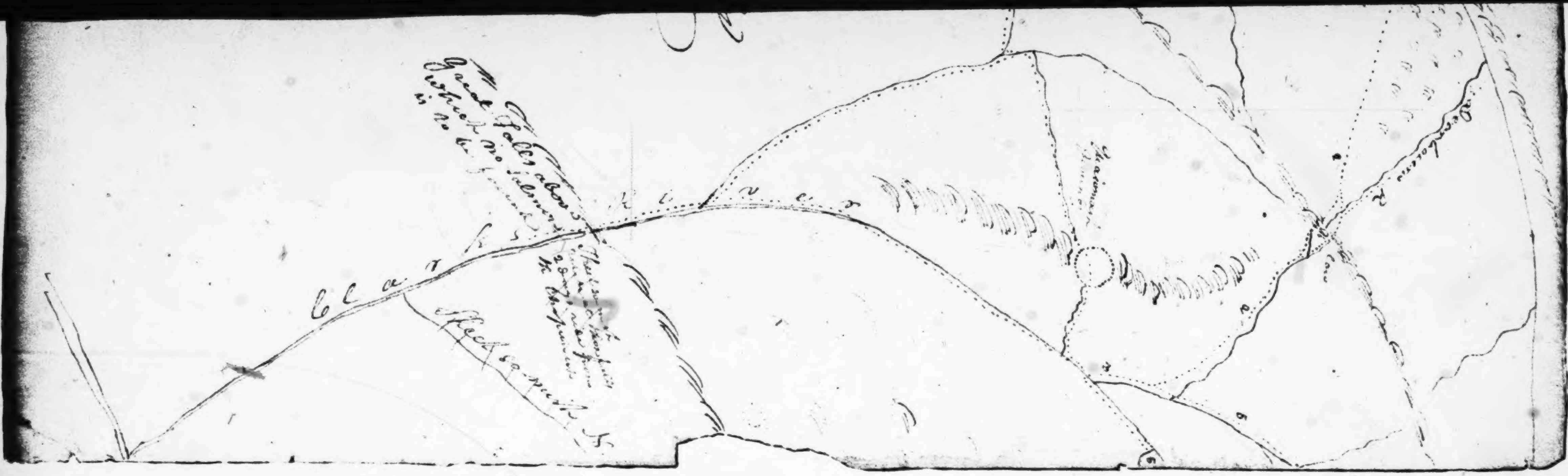
Mißouri River
Lewis R
Dearborns R
Cow
Parkers R
Great Falls above which no salmon is to be found
20 m. the Chopunnish
Clarks River

2

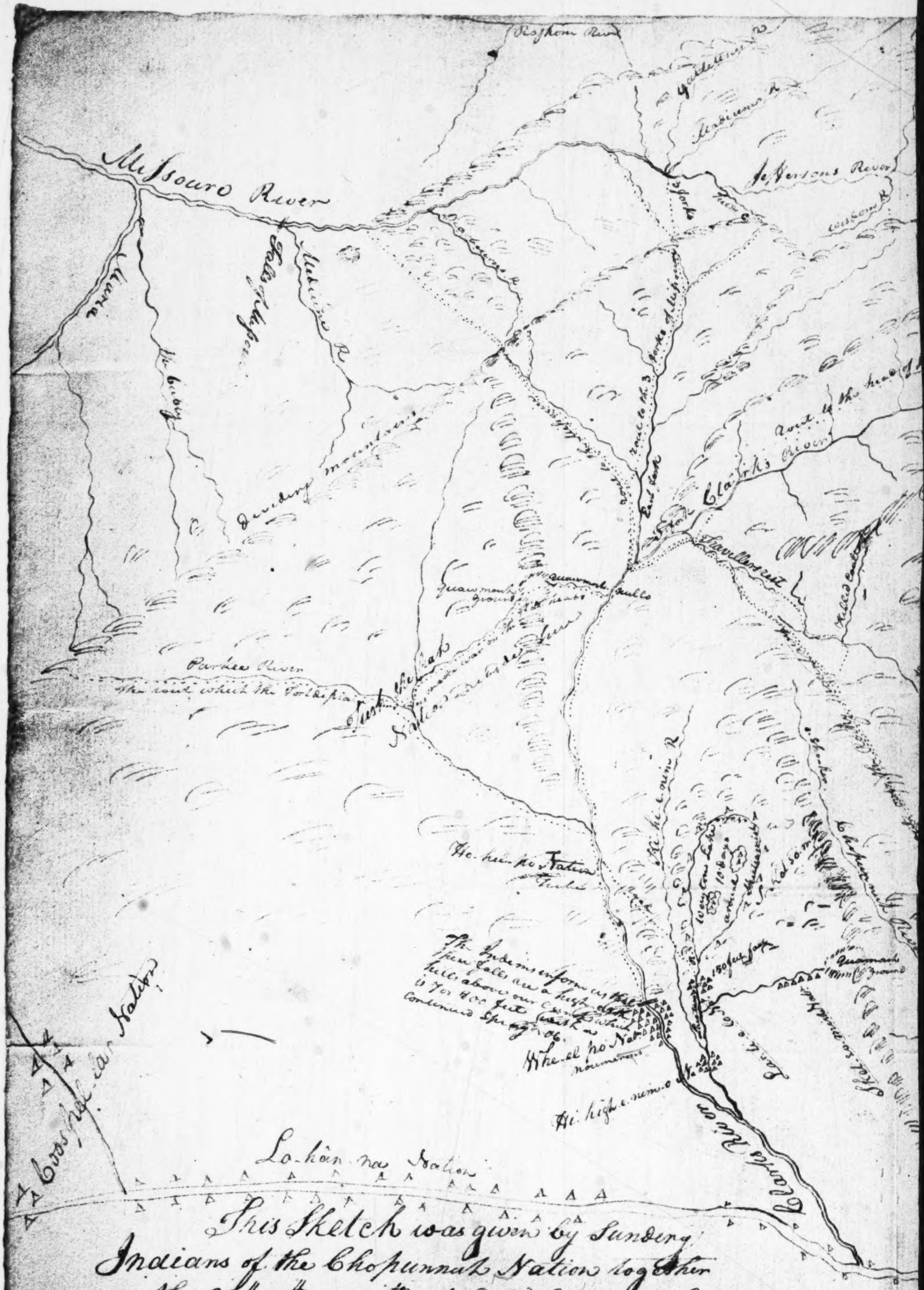

Lake
Falls
High Falls
Clarks R
Rapid fall above which the Salmon do not reach
Falls
Lewis's R



40. Sketch given by Indians, April 18, 1806, at the Great Narrows of the Columbia, showing the basin of Lewis's River.


Great Falls above which no salmon is to be found
Clarks River
Skeetsomish
Dearborne R

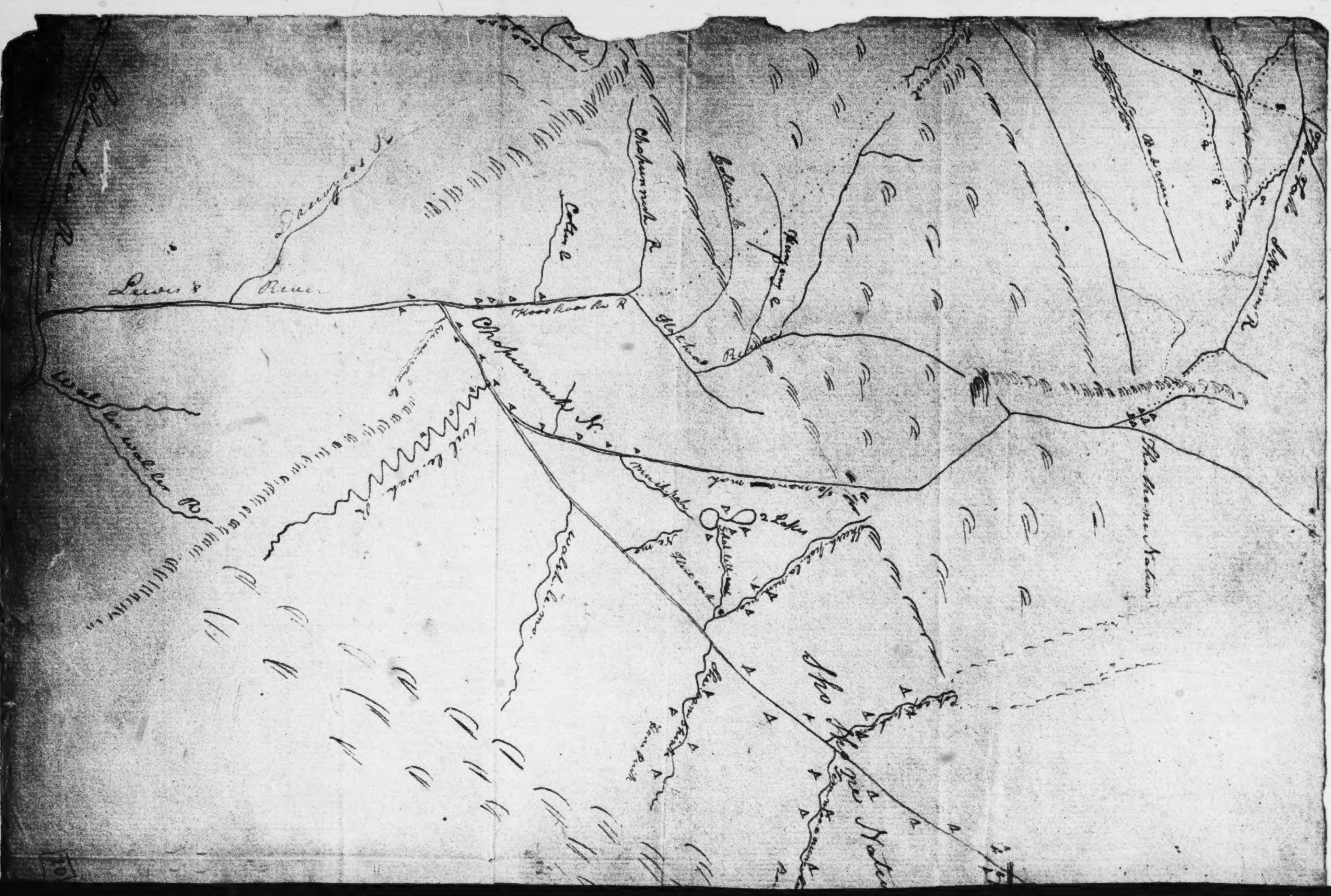
42. Sketch by Hohastillpilp, May 29, 1806, showing Indian trails over the continental divide.

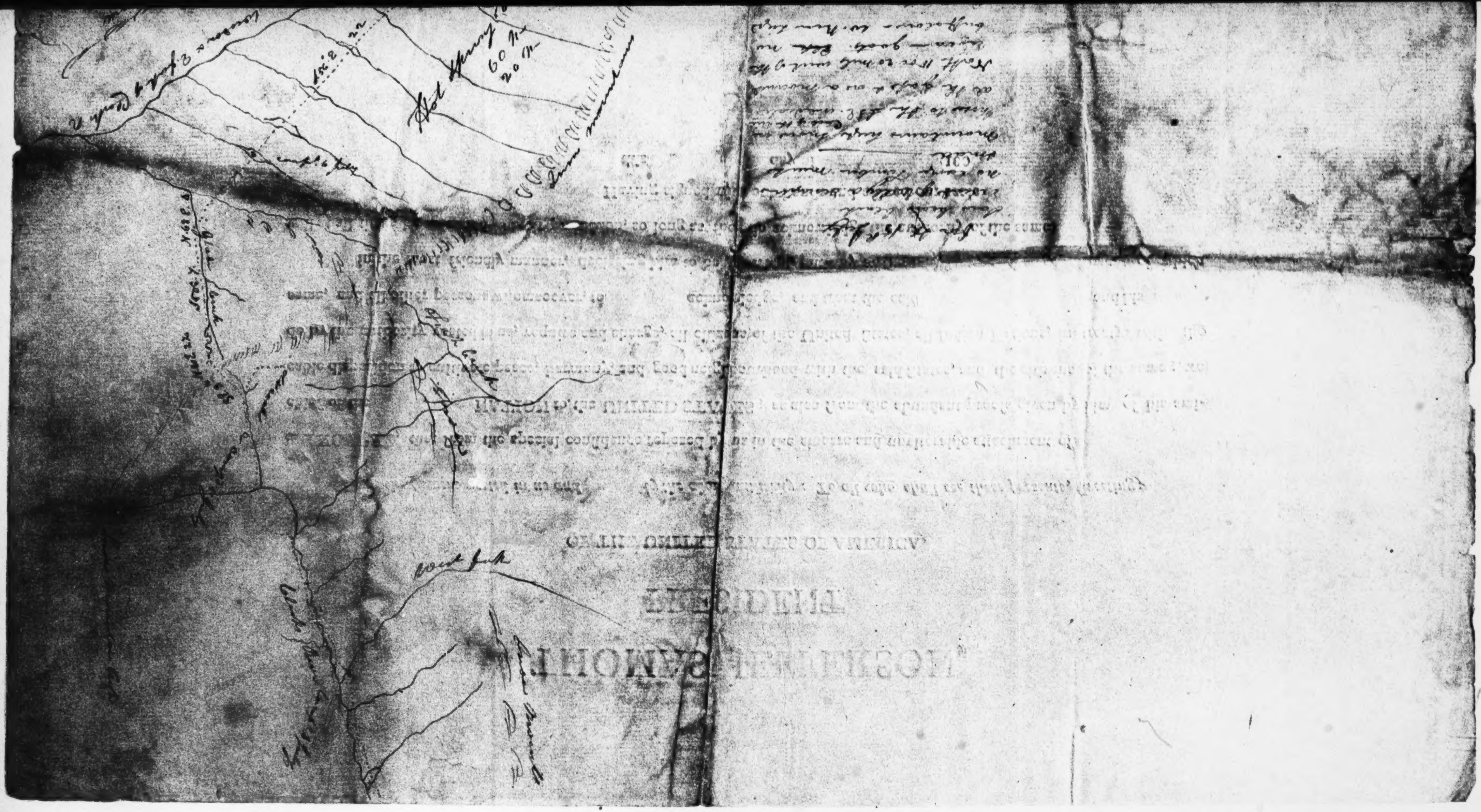

Missouri River
Maria
Medicine
Falls of Missouri
Medicine R
Dividing mountains
Rosham River
Gallatin R
Madisons R
Jeffersons River
Wisdom R
Forks
Dearborns R
road to the Missouri
road to the 3 forks of Missouri
East fork
Clark's River
rout to the head of
Travellers rest
Killed Colt
Parkee River
The road which the Parkees
Tushepaw
Quawmash ground
Quamash falls
Ho-hel-ho Nation
Tracks
Hi-hi-e-nim R
Weytom Lake 10 days around
Skeetsomish
150 feet fall
Lar-ti-e-lo Nat.
Skeet-so-mish Nat.
Quamash ground
Chopunnish River
Whe-el po Nat. numerous
Hi-high-e-nim-o
Clarks River
Lo-hān-na Nation
Coospellar Nation

The Indians inform us that these falls are a high dark fall above our camp which is 70 or 400 feet with a continued spray 06.

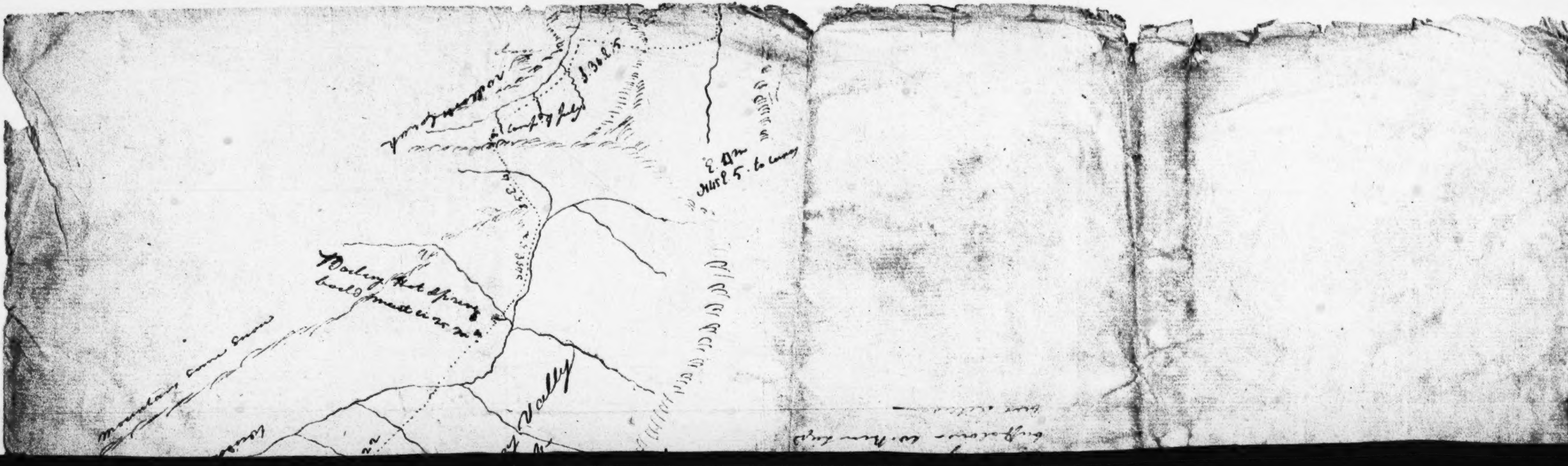
This Sketch was given by Sundery Indians of the Chopunnish Nation together on the 29th 30th and 31st of May 1806 at our Camp on the Flat Head river

note the indians inform us that they pass over to the Skeetsomish Nation in one day and a half, to the Lake in 7 days and to the falls of Clarks river in 7 days & a half

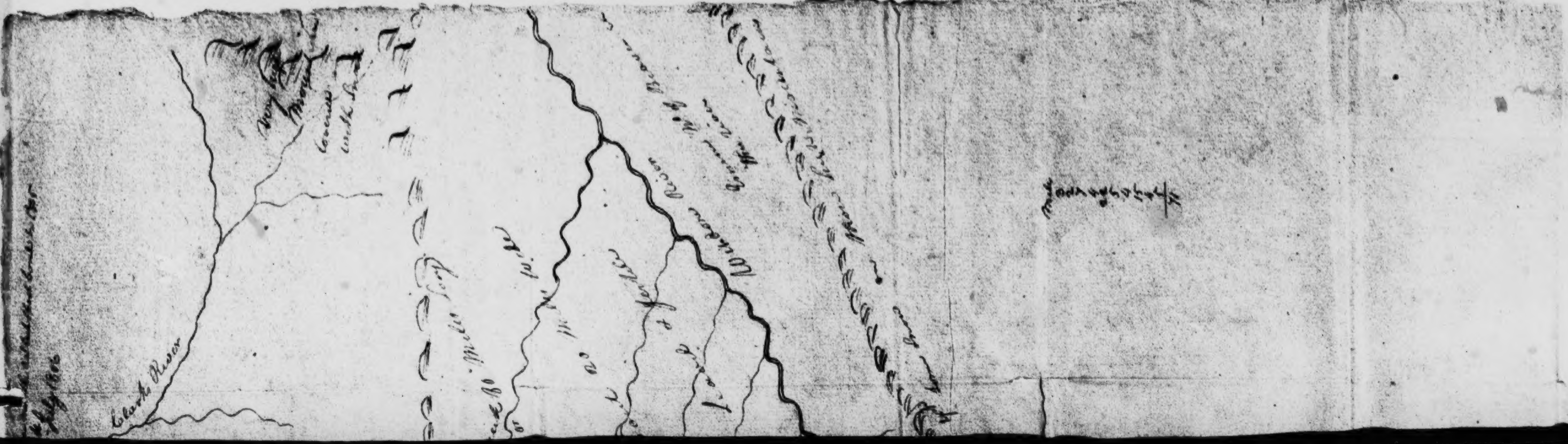

Columbia River
Lake
Drewyer's R
Lewis's River
Cottm C
Chopunnish R
Kooskooske R
Chopunnish R.
Collins C
Flathead River
Wal la wal la R
2 Lakes
Jefferson R
Sho Sho ne Natu

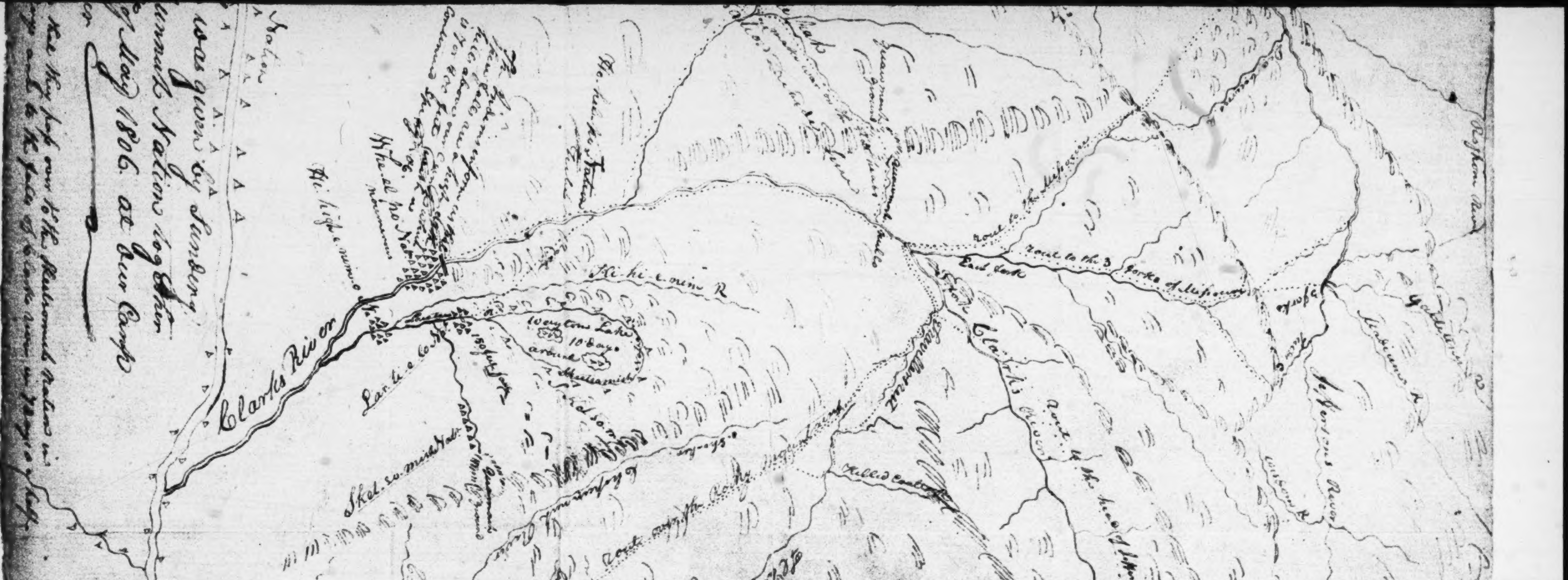

Hot Spring
60 m
20 m
Wood fork

45. Clark's route from Bitterroot River to Forks of Jefferson, showing camping places from July 4-8, 1806.

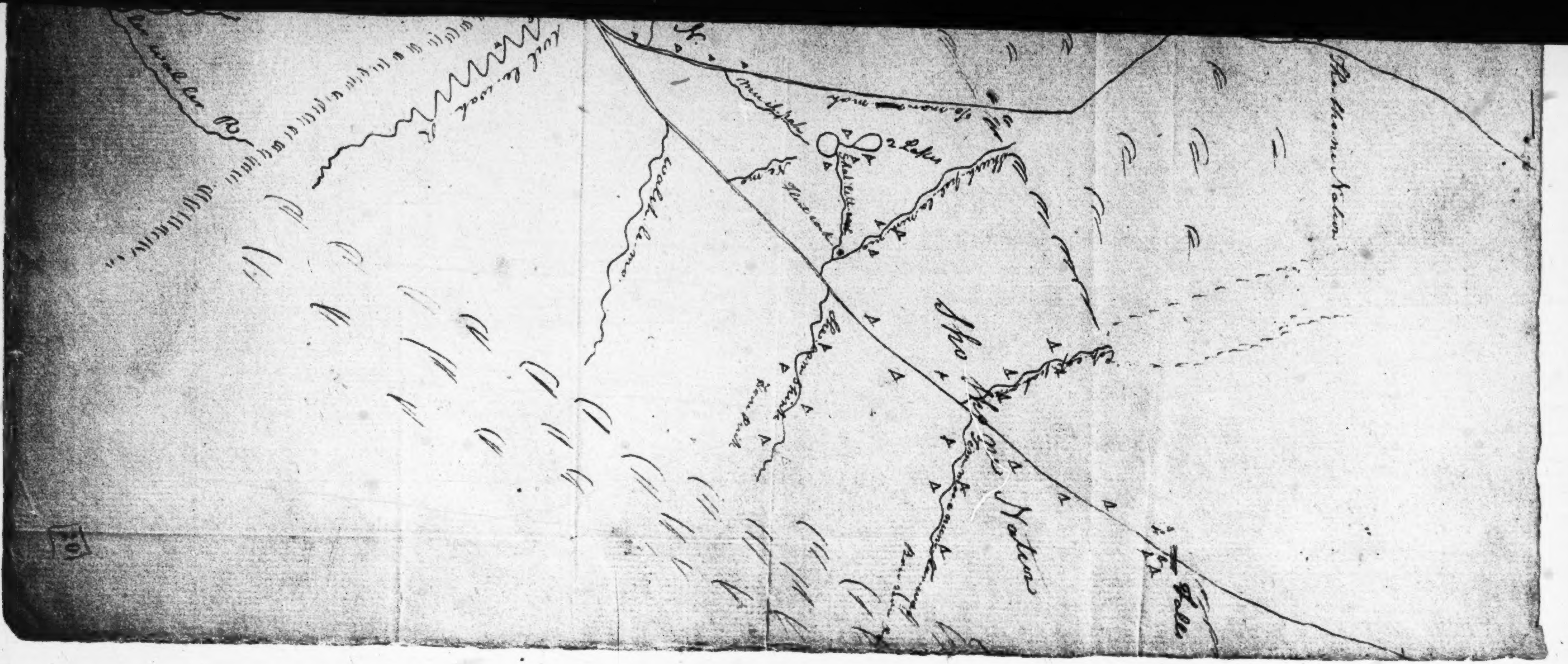


Camp 9 July
S. 30 E. 5
E. 4 m
N 45 E. 5. to camp
S. 35 E.
Boiling Hot Spring
boiled meat in 20 m.
mountains covered snow
Valley

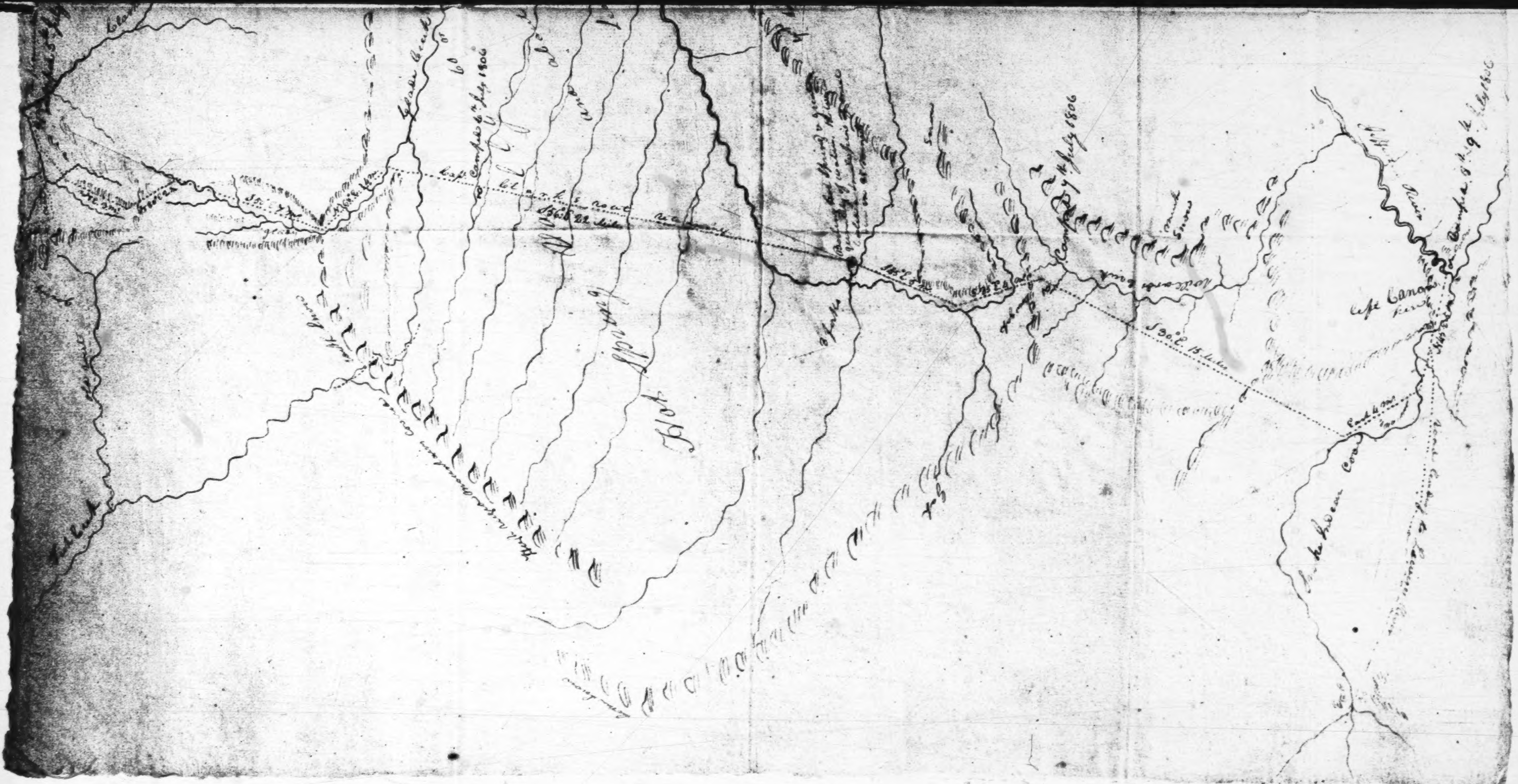

July 1806
Clarks River
Very high Mountains
Covered with Snow
80 Miles
Wisdom River
Beaver's head


Clarks River
Hi-hi-e-nim R
Weyton's Lake 10 days around
Lar-ti-e-to R
Skel-so-mith Nat
route to the Missouri
route to the 3 forks of Missouri
East fork
Clarks River
Killed Colt
Jefferson's River
Madison's R
Gallatin R
route to the head of Missouri
forks

43. Sketch obtained from Indians at Flathead River camp, May 29-31, 1806. It shows trails and villages from the mouth of Clark's River to the upper Missouri.

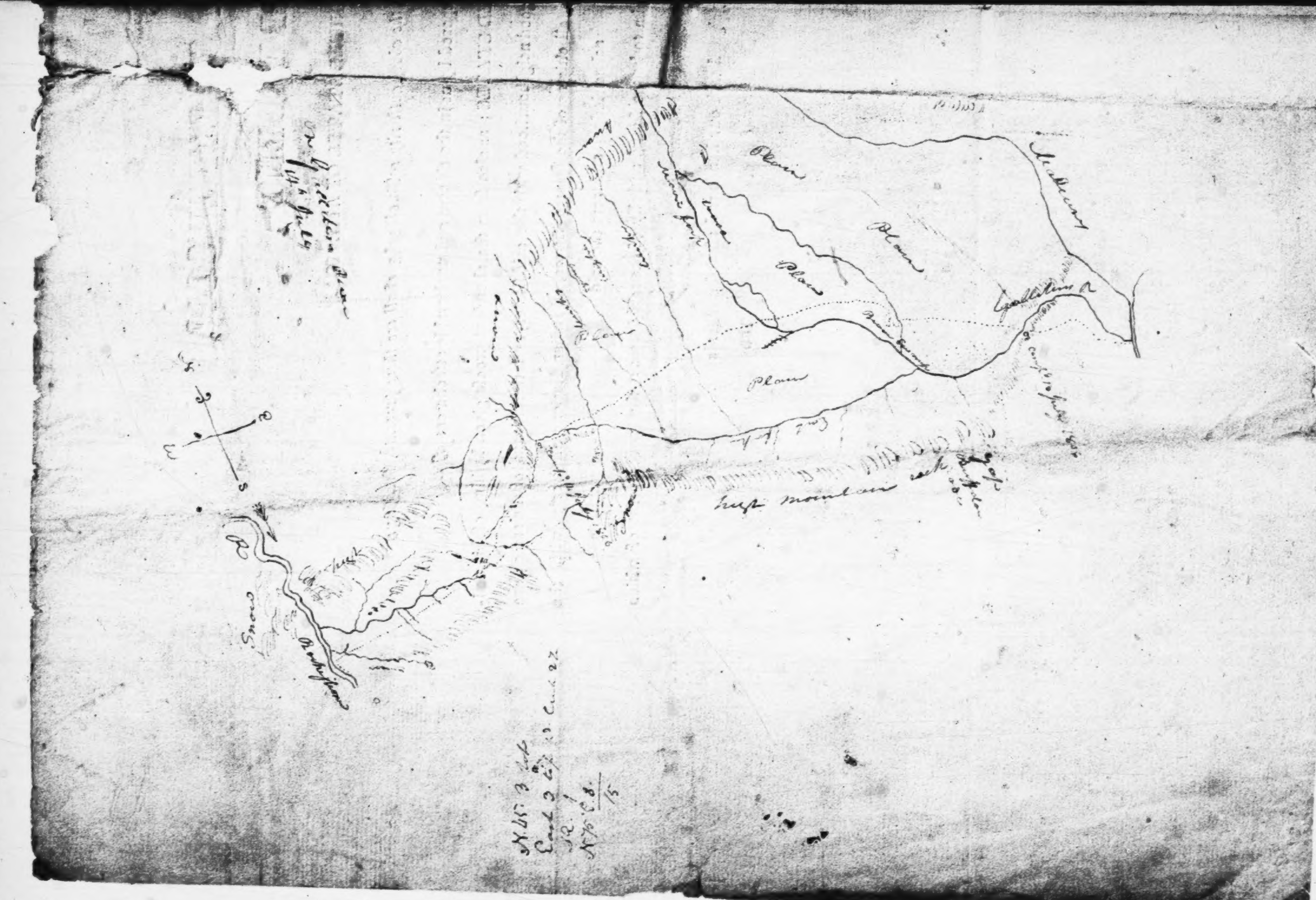

walk lar R.
Koos koos kee R.
Sho sho ne Nation
2 Lakes
Falls

44. Indian sketch-map of the Lewis River system, showing trails and Indian villages.

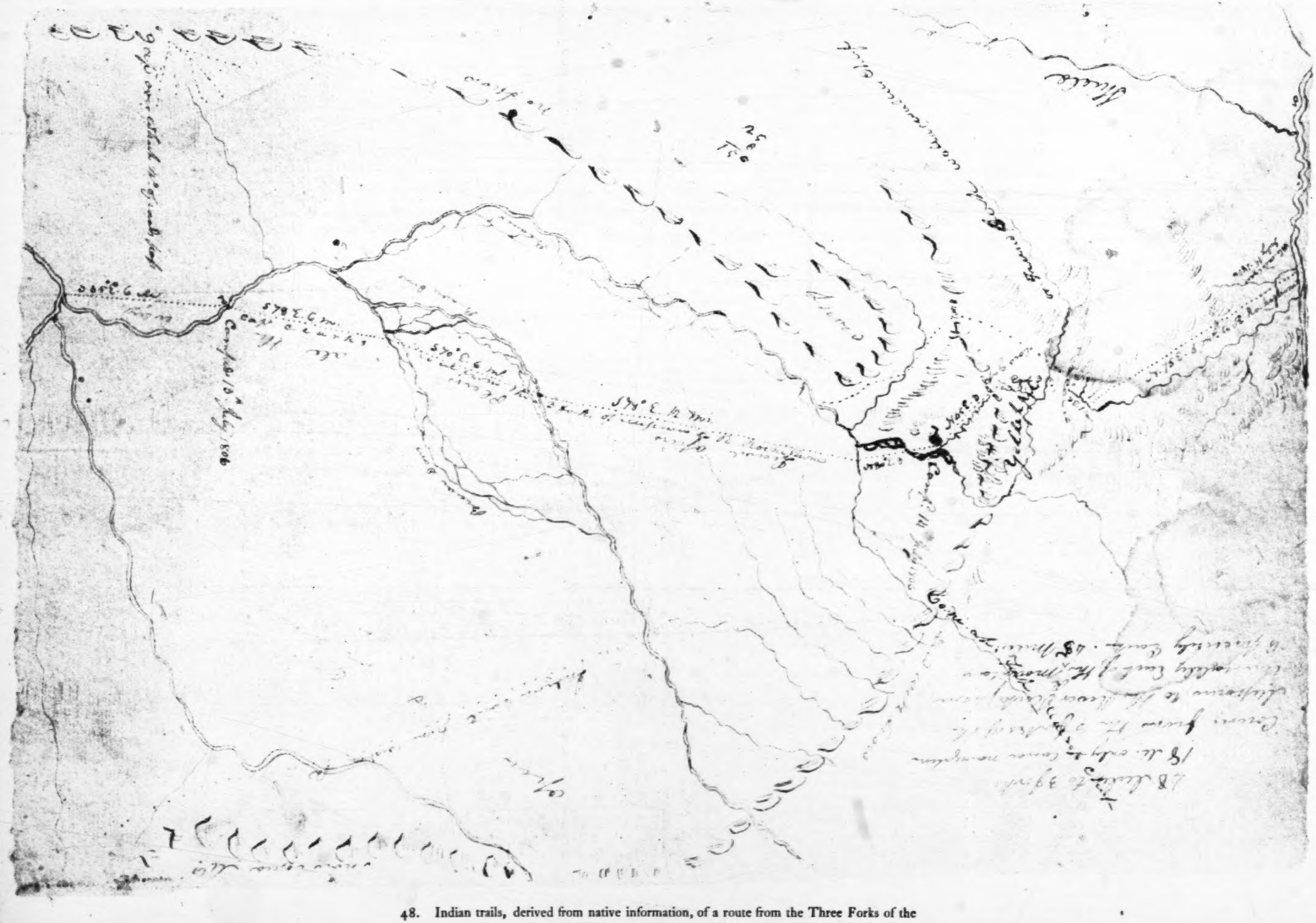

Capt. Clark's rout
Camped 6th July 1806
Camped 7th July 1806
Camped 8th & 9th July 1806
S. 30 E. 15 Miles

46. "Sketch of Capt Clarks rout from Clark River to the head of Jeffersons River."—July 5-9, 1806.

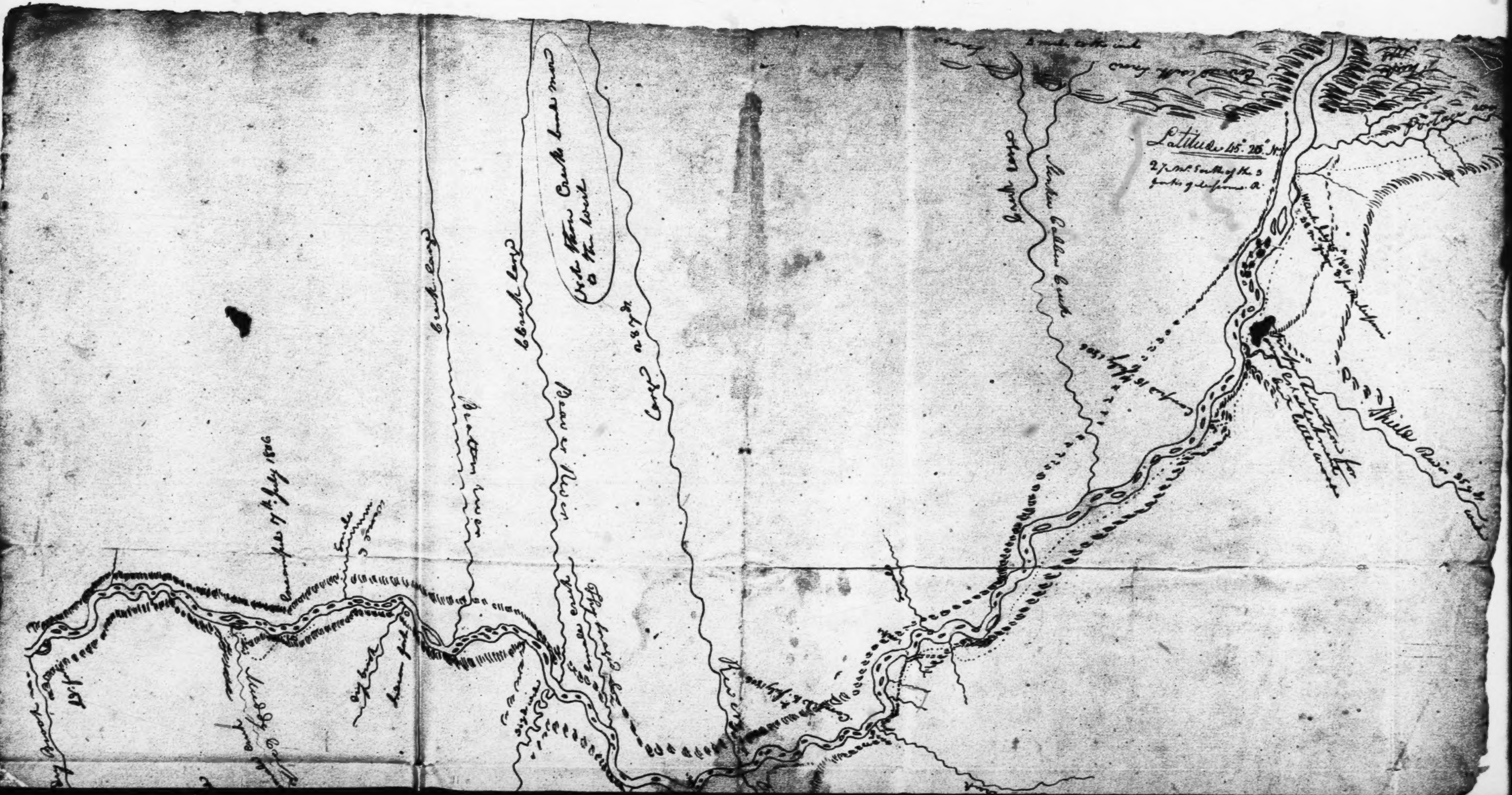
Grows in rocky hill sides on the Rochejhone
July 18th 1806

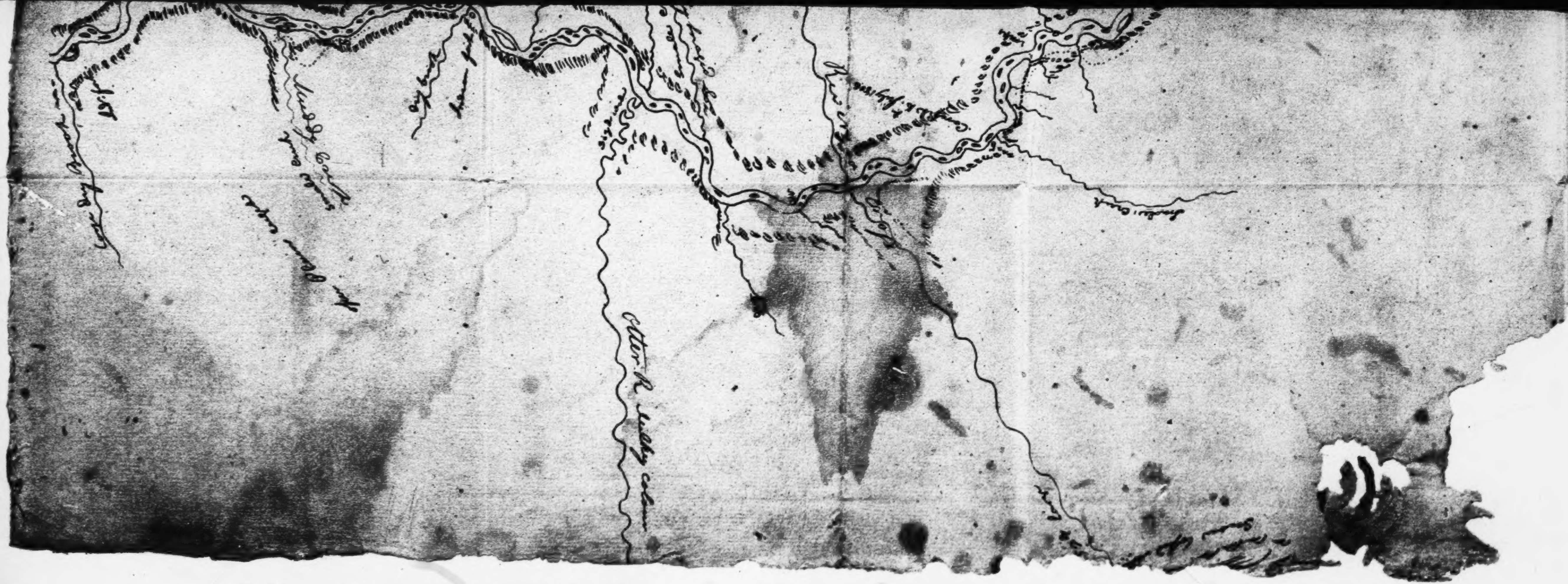

Plain
Plain
Plain
Plain
Plain
Gallatin R
Madison
Rochejhone
Snow
huge mountain rock

47. Sketch-map of Gallatin and Madison Rivers, with Clark's trail to the Yellowstone, July 13, 14, 1806.

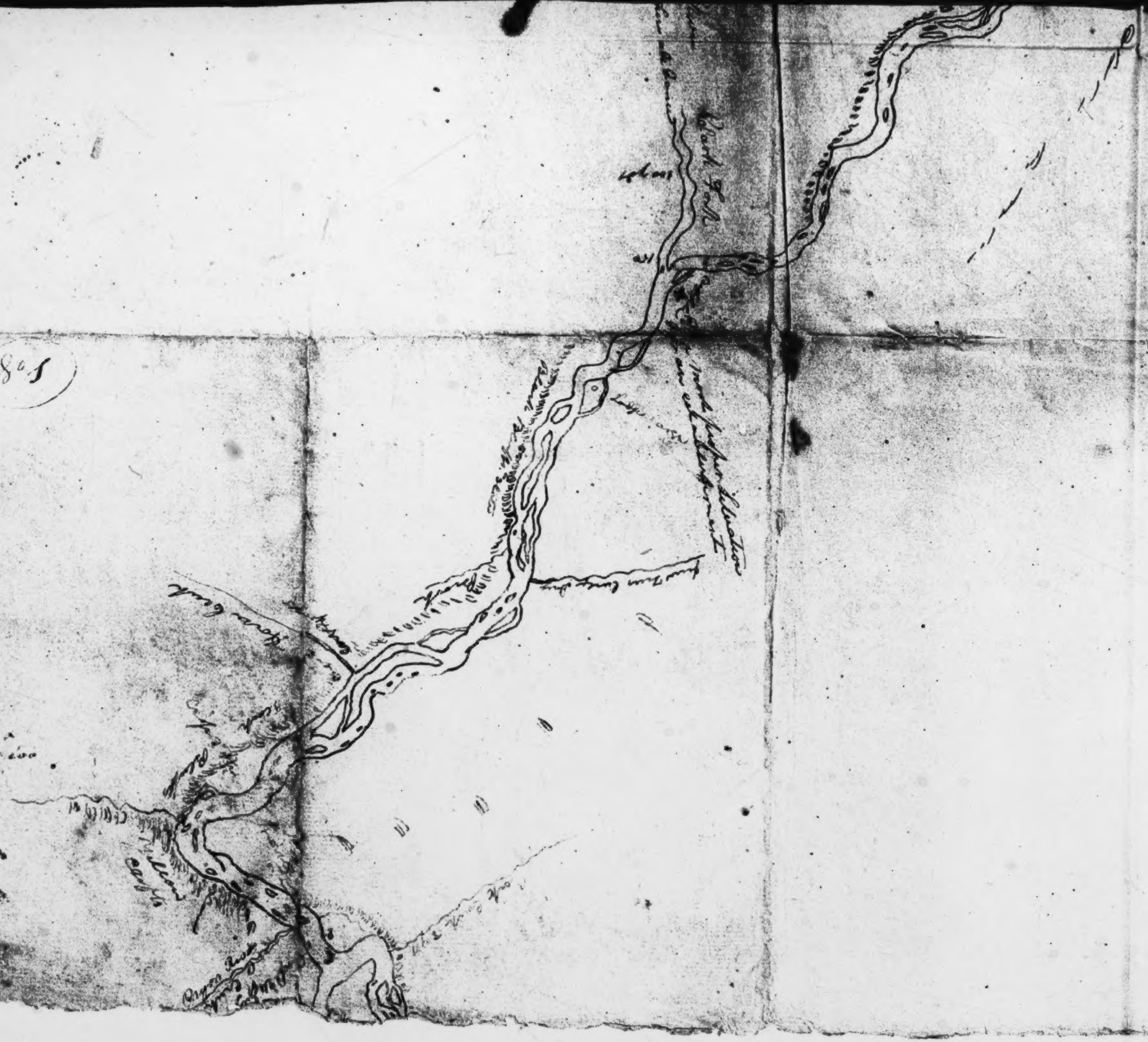


48. Indian trails, derived from native information, of a route from the Three Forks of the Missouri to the Yellowstone, indicating Clark's camping places of July 13-15, 1806.


Latitude 45° 26' N.
27 M. South of the 3 forks of Jefferson R.
Portage
Camped 15th July 1806
Creek Camp
Creek Camp
Beaver River
Camp 28th
Encamped 17th July 1806


Muddy Creek
Otter R. Muddy colour
Indian Creek

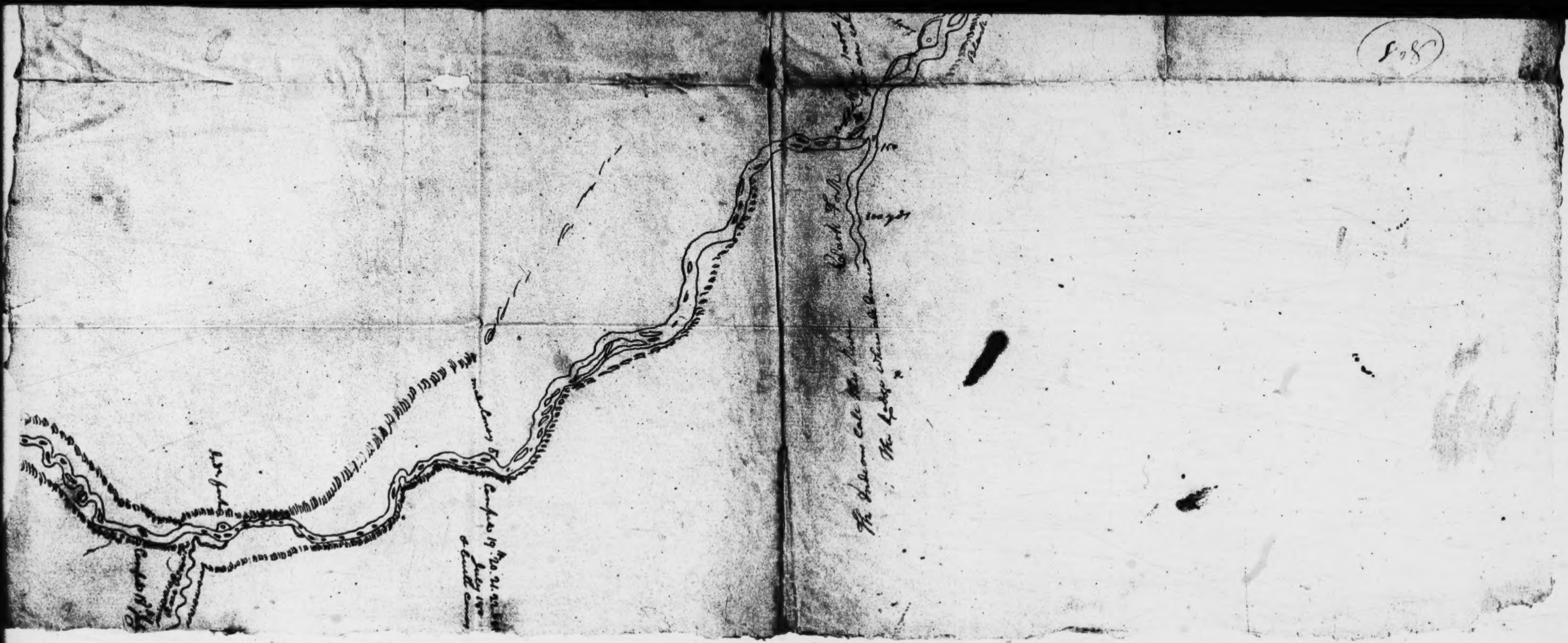
49. The Yellowstone, from the place where Clark reached it to Stillwater Creek, showing Clark's camps, July 15-7 [17], 1806.



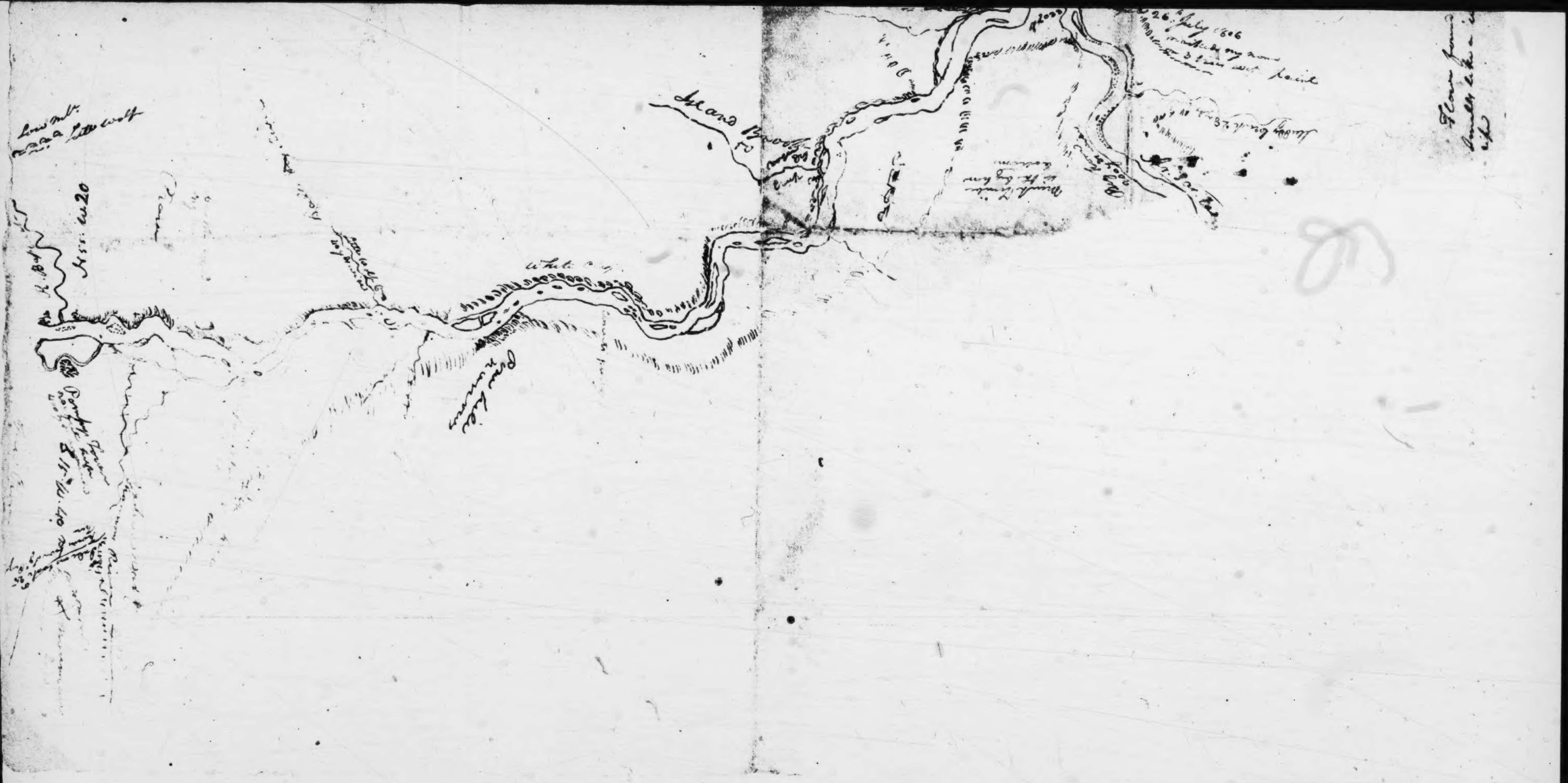
Horse Creek
Bluffs
Sand Trees Creek Dry
more proper Situation for an Establishment
Pryors River
100 yds
150

(No 5)

Shannons Creek &
Sergt Pryors Creek is 100
Near the river

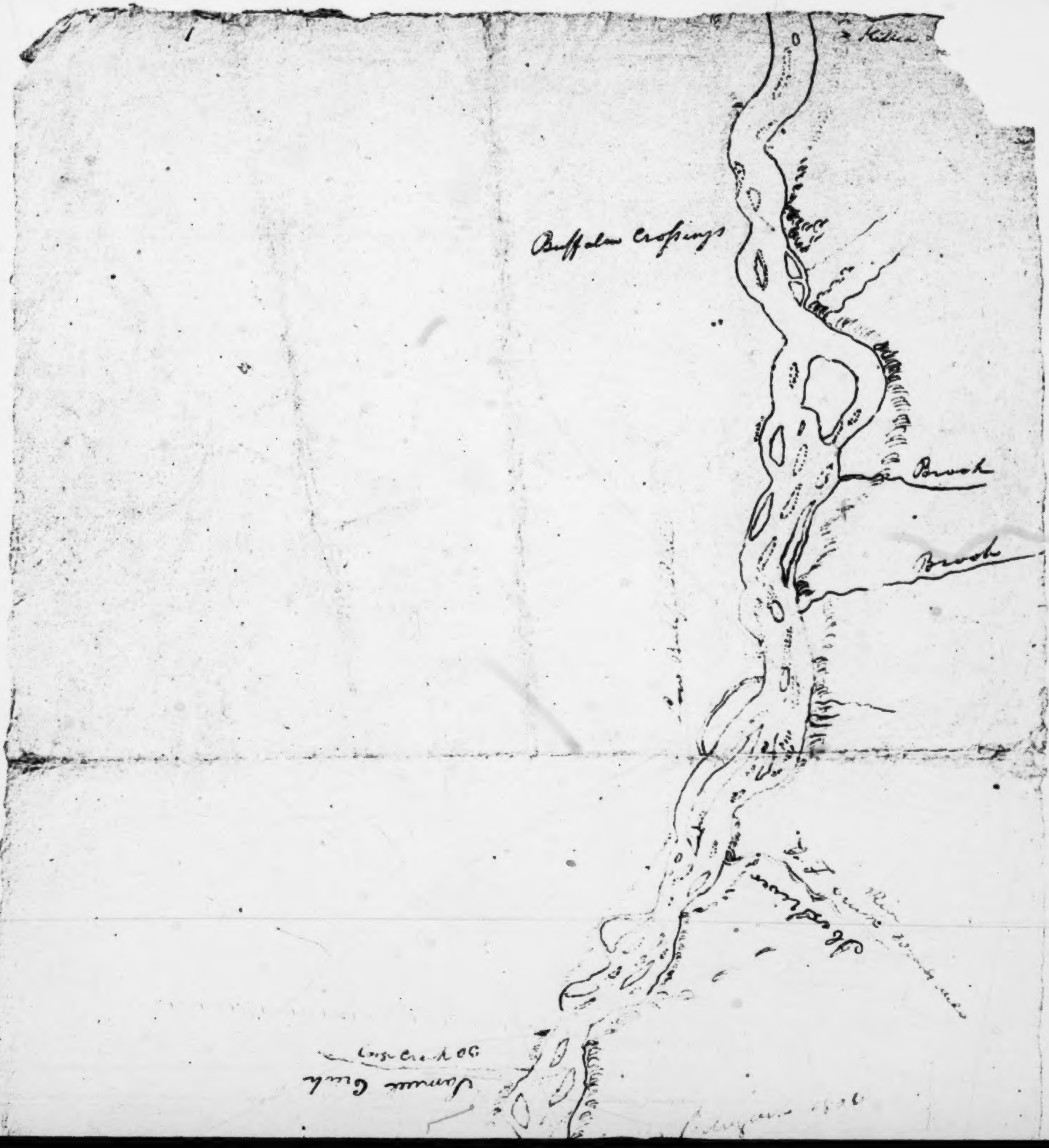

Clark Fork
150
100 yds
The Indians call this river
The Lodge where
Camped 19. 20. 21. 22. 23
July 1806
& built canoes
Camped 18 July

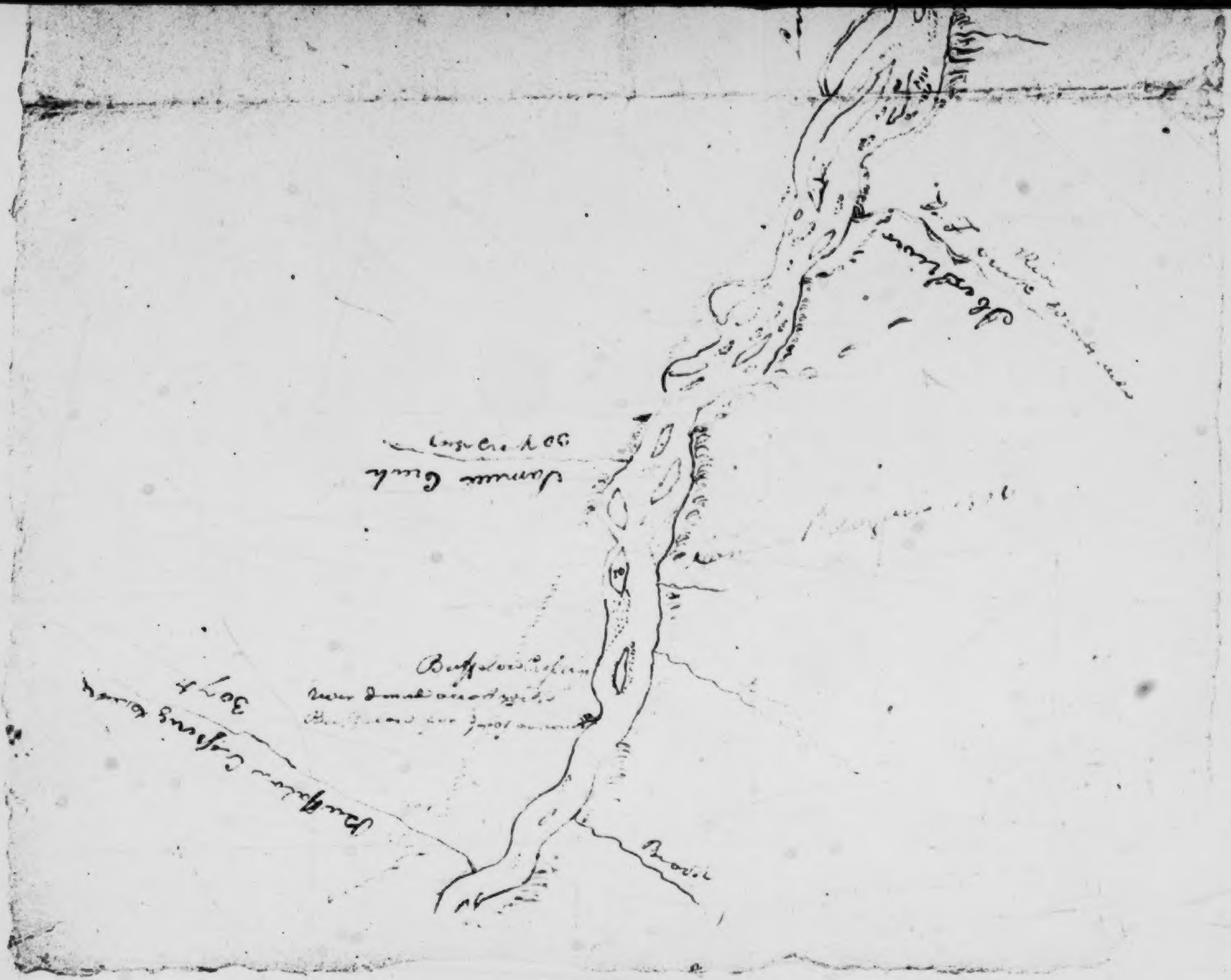
50. The Yellowstone, from Rose [Stillwater] Creek to Pryor's River, July 18-24, 1806, showing the place where Clark's canoes were built.


Little Wolf
N. 55. W. 20
White Clay
Island Brook
Pompys Tower
26th July 1806

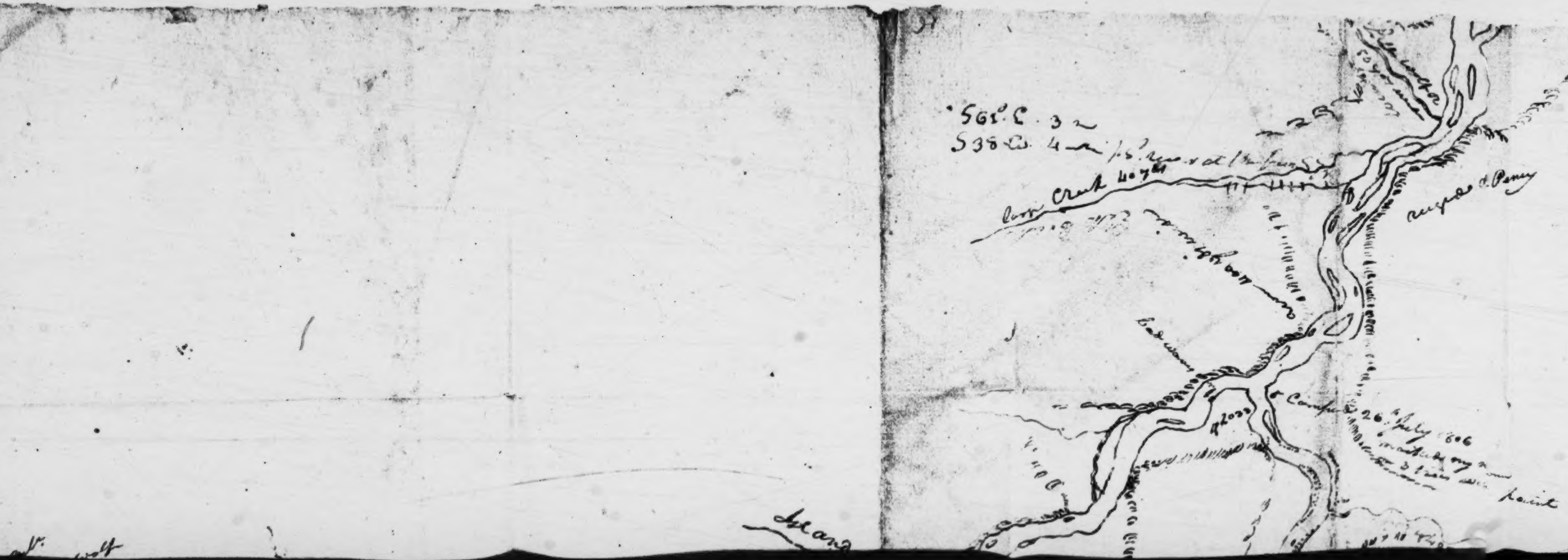
51. The Yellowstone, from Pompey's Pillar to Little Wolf River (Van Horn Creek), passing the mouth of Bighorn River, showing Clark's camps, July 25, 26, 1806.

52. The Yellowstone from Van Horn Creek to Camping Place, July 27, 1806.


Kittie
Buffalo Crossings
Brook
Brook
Red River
Samuel Creek



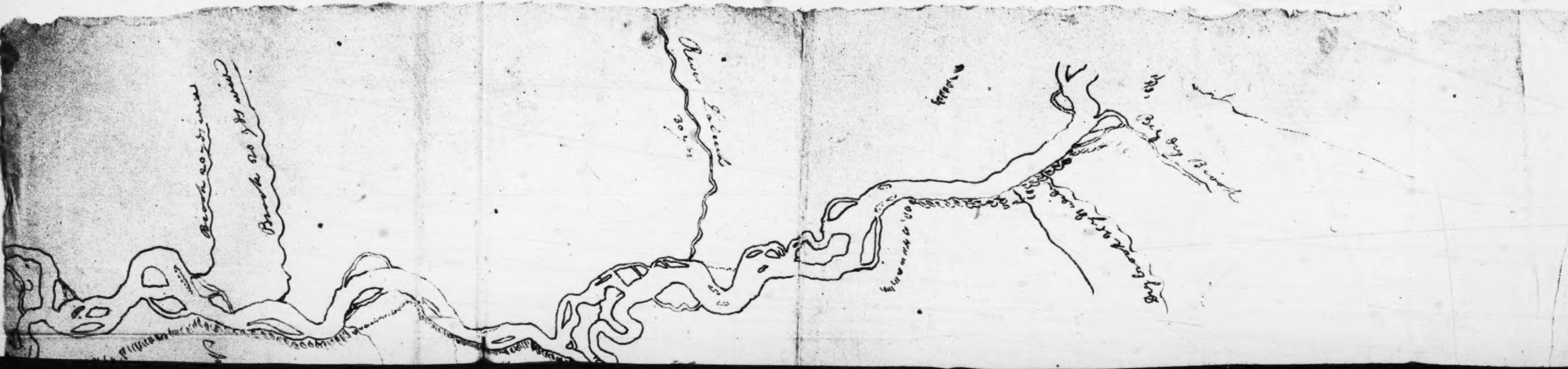
53. The Yellowstone, near its junction with the Missouri, showing Clark's camping place of August 1, 1806; also indicating buffalo crossings.

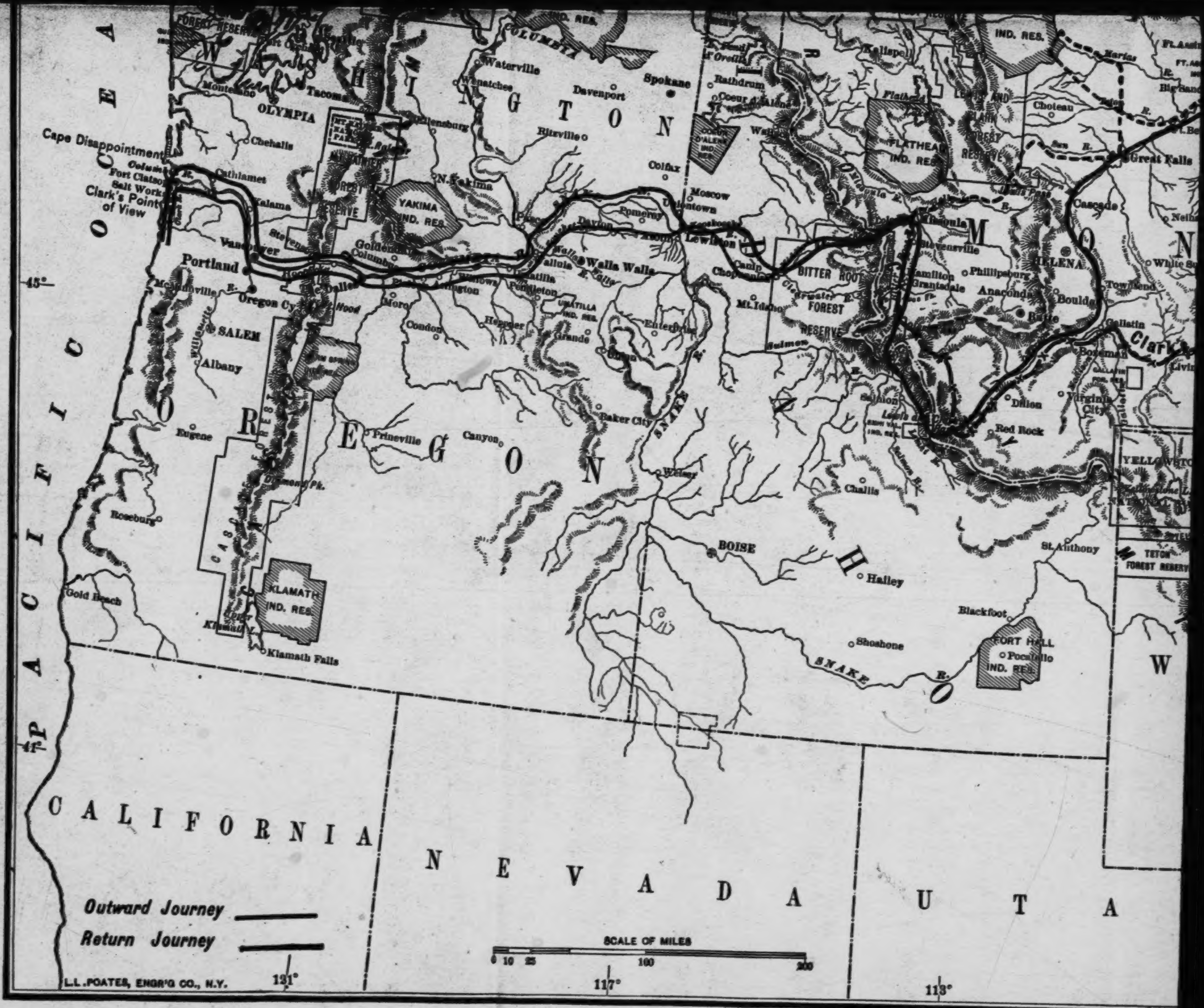

S 61° E 3 m
S 38 W 4 m
Creek 40 yds
Camp 26th July 1806
Point
Island
wolf

No 2

Clear June 27

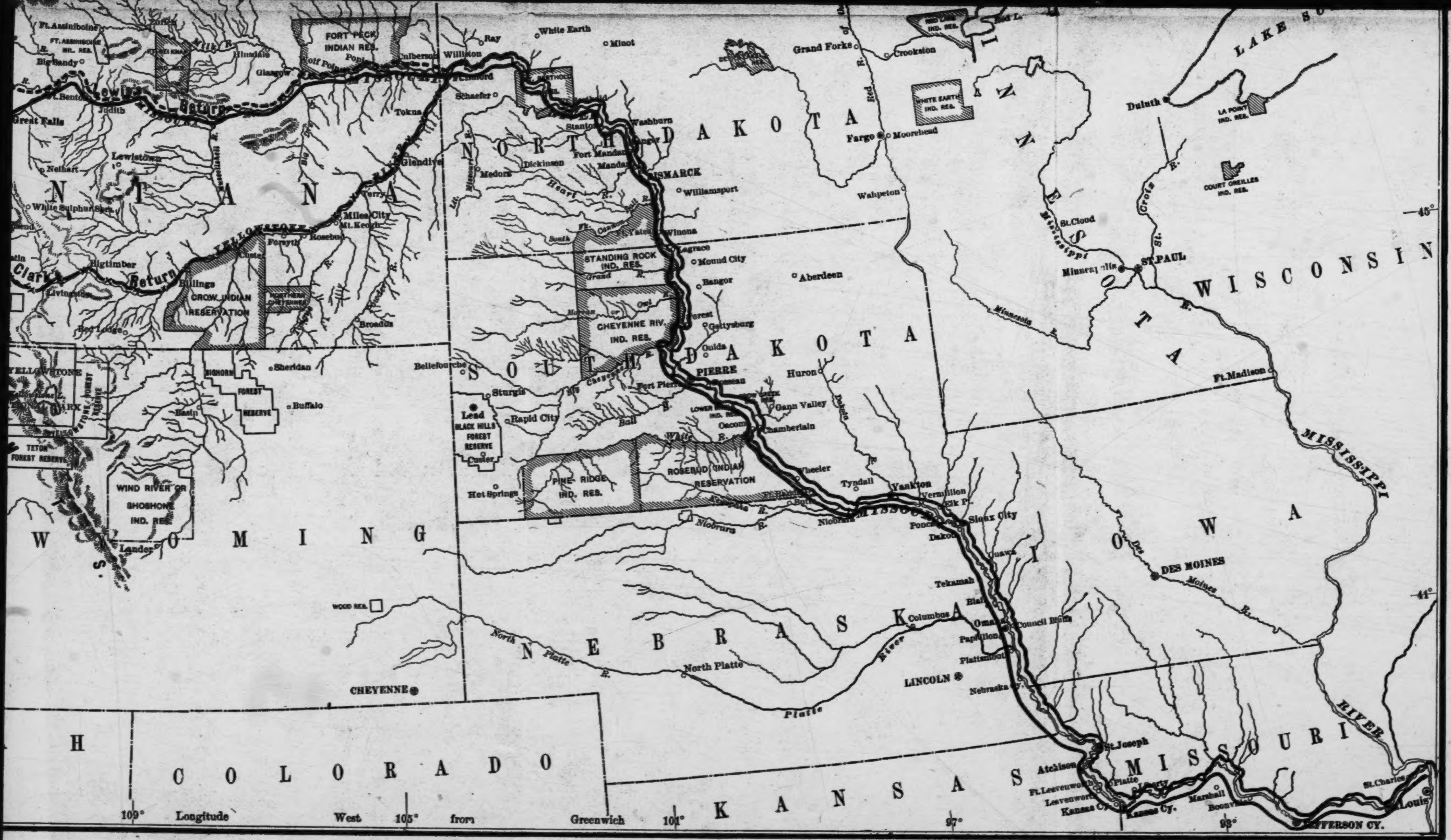
like a woolen mullen


Brook 20 yds wide
Brook 20 yds wide
River Lacaid
30 yds
Big Bend
Big Dry Brook


PACIFIC OCEAN
WASHINGTON
OREGON
IDAHO
MONTANA
CALIFORNIA
NEVADA
UTAH
Cape Disappointment
Fort Clatsop
Salt Works
Clark's Point of View
Portland
Vancouver
Oregon Cy.
SALEM
Albany
Eugene
Roseburg
Gold Beach
Klamath Falls
KLAMATH IND. RES.
OLYMPIA
Tacoma
Chehalis
Cathlamet
Kalama
N. Yakima
YAKIMA IND. RES.
Ellensburg
Wenatchee
Waterville
Davenport
Spokane
Ritzville
Colfax
Moscow
Lewiston
Dayton
Pomeroy
Walla Walla
Pendleton
Heppner
Condon
Moro
The Dalles
Prineville
Canyon
Baker City
Weiser
BOISE
Hailey
Shoshone
Blackfoot
Pocatello
FORT HALL IND. RES.
St. Anthony
Challis
Salmon
Kalispell
FLATHEAD IND. RES.
Missoula
Stevensville
Hamilton
BITTER ROOT FOREST RESERVE
HELENA
Anaconda
Butte
Philipsburg
Cascade
Great Falls
Choteau
Bozeman
Dillon
Red Rock
Virginia City
Gallatin
Townsend
YELLOWSTONE NATIONAL PARK
TETON FOREST RESERVE
SNAKE R.
Outward Journey
Return Journey
SCALE OF MILES
0 10 25 100 200
L.L. POATES, ENGR'G CO., N.Y.
45°
41°
121°
117°
113°

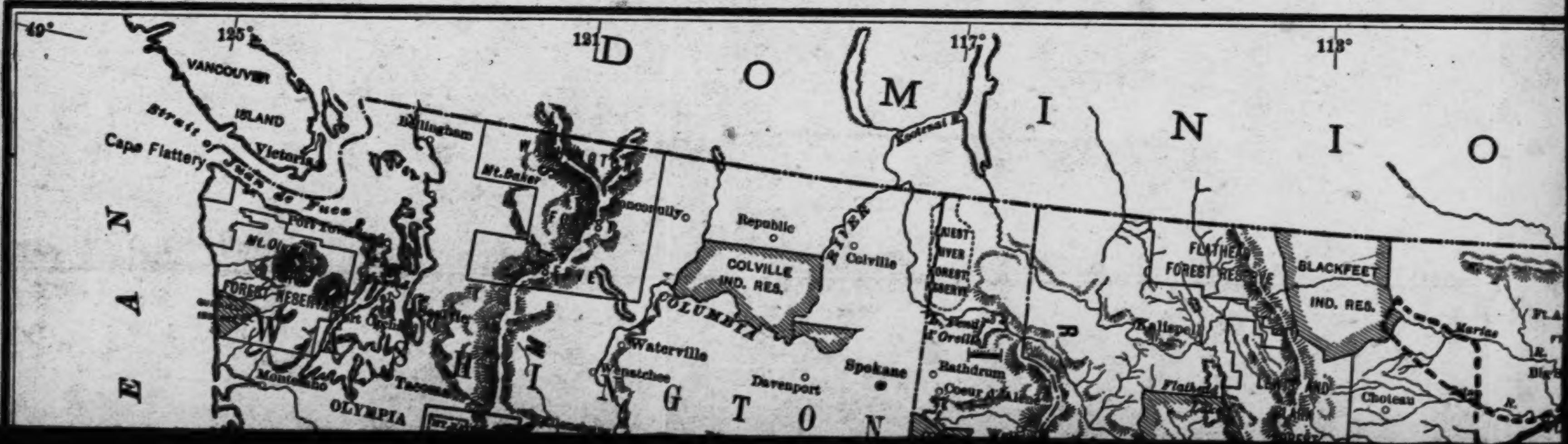
54. Route

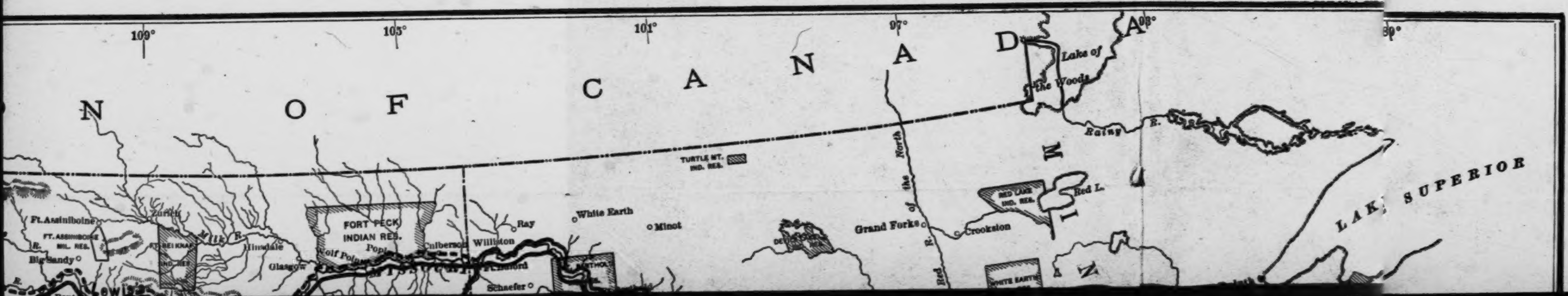
D


MONTANA
NORTH DAKOTA
SOUTH DAKOTA
MINNESOTA
WISCONSIN
IOWA
NEBRASKA
WYOMING
COLORADO
KANSAS
MISSOURI
LAKE SUPERIOR
Lewis
Clark's Return
Return
YELLOWSTONE
MISSOURI
MISSISSIPPI RIVER
Platte
North Platte R.
Niobrara R.
Ft. Assiniboine
Big Sandy
Ft. Benton
Great Falls
Judith
Lewistown
Neihart
White Sulphur Sprs.
Bigtimber
Livingston
Billings
Red Lodge
Glasgow
Hinsdale
Culbertson
Williston
Ft. Buford
Glendive
Terry
Miles City
Mt. Keogh
Forsyth
Rosebud
Custer
Broadus
Sheridan
Buffalo
Lander
CHEYENNE
FORT PECK INDIAN RES.
CROW INDIAN RESERVATION
NORTHERN CHEYENNE
YELLOWSTONE PARK
BIGHORN FOREST RESERVE
TETON FOREST RESERVE
WIND RIVER OR SHOSHONE IND. RES.
WOOD RES.
White Earth
Minot
Ray
Schaefer
Stanton
Washburn
Fort Mandan
Mandan
Dickinson
Medora
BISMARCK
Williamsport
Winona
Lagrace
Mound City
Bangor
Aberdeen
Gettysburg
Forest
Ouida
PIERRE
Fort Pierre
Huron
Gann Valley
Chamberlain
Oacoma
Belle Fourche
Sturgis
Lead
Rapid City
Custer
Hot Springs
Wheeler
Tyndall
Yankton
Vermillion
Elk Pt.
Sioux City
Ponca
Dakota
Niobrara
STANDING ROCK IND. RES.
CHEYENNE RIV. IND. RES.
LOWER BRULE IND. RES.
BLACK HILLS FOREST RESERVE
PINE RIDGE IND. RES.
ROSEBUD INDIAN RESERVATION
Grand Forks
Crookston
Fargo
Moorehead
Wahpeton
RED LAKE IND. RES.
WHITE EARTH IND. RES.
Duluth
LA POINTE IND. RES.
COURT OREILLES IND. RES.
St. Cloud
Minneapolis
ST. PAUL
Ft. Madison
DES MOINES
Onawa
Tekamah
Blair
Omaha
Council Bluffs
Papillion
Plattsmouth
Columbus
North Platte
LINCOLN
Nebraska Cy.
St. Joseph
Atchison
Ft. Leavenworth
Leavenworth
Kansas Cy.
Platte
Liberty
Marshall
Boonville
JEFFERSON CY.
St. Charles
St. Louis
45°
41°
109°
Longitude
West
105°
from
Greenwich
101°
97°
93°

4. Route of the Lewis and Clark Expedition, showing its relation to modern geographical conditions. Drawn expressly for the present publication, and based upon a study of the original manuscript charts herein reproduced in fac-simile.

COPYRIGHT, 1905, BY DODD MEAD AND COMPANY


49°
125°
121°
117°
113°
D O M I N I O
VANCOUVER ISLAND
Victoria
Strait of Juan de Fuca
Cape Flattery
Bellingham
Mt. Baker
Conconully
Port Townsend
Mt. Olympus
FOREST RESERVE
Seattle
Montesano
Tacoma
OLYMPIA
N A E
W A S H I N G T O N
Republic
COLVILLE IND. RES.
Colville
COLUMBIA RIVER
Waterville
Wenatchee
Davenport
Spokane
PRIEST RIVER FOREST RESERVE
Pend d'Oreille
Rathdrum
Coeur d'Alene
Kootenai R.
FLATHEAD FOREST RESERVE
Kalispell
Flathead
BLACKFEET IND. RES.
Marias R.
Choteau
Ft. A
Big


109°
105°
101°
97°
93°
89°
N O F C A N A D A
Lake of the Woods
Rainy R.
LAKE SUPERIOR
TURTLE MT. IND. RES.
M
I
N
Red L.
RED LAKE IND. RES.
WHITE EARTH
Red R. of the North
Grand Forks
Crookston
White Earth
Minot
Ray
Williston
Culbertson
Ft. Buford
Schaefer
FORT PECK INDIAN RES.
Poplar
Wolf Point
Glasgow
Hinsdale
Milk R.
Zurich
Ft. Assiniboine
FT. ASSINIBOINE MIL. RES.
Big Sandy
R.